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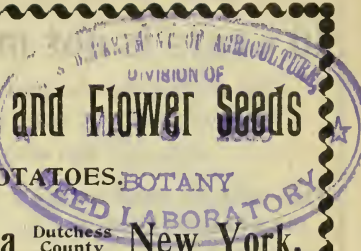
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FOR 1898.

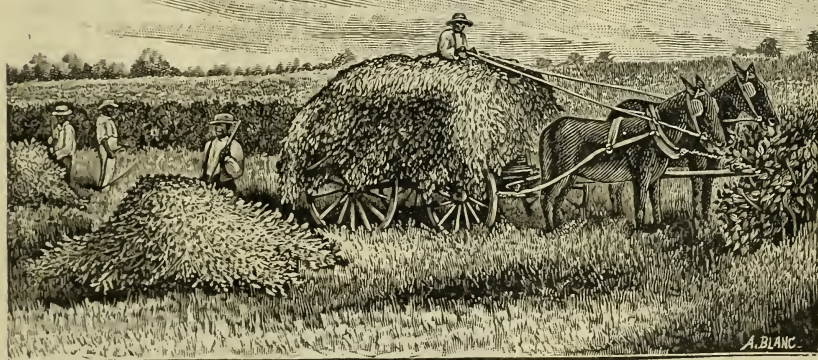
Forage Plants and Grasses, Vegetable and Flower Seeds

PLANTS, BULBS AND SEED POTATOES.

OLIVER H. DREW, Hibernia, Dutchess County, New York.



HARVESTING GIANT BEGGAR WEED FOR HAY.



GIANT BEGGAR WEED.

Highly recommended by U. S. Department of Agriculture.

This is a valuable forage plant and a wonderful restorer of the land, far more valuable as a fertilizer than either peas or clover, and superior to either for forage; besides it has the great advantage over both the above in that it does not have to be planted each year, for when once established in the soil it comes up annually without any further attention. It interferes with no crop that you may plant, being easily kept under by cultivation, and it can easily be totally eradicated from the soil by two years' successive pasturing. This feature, too, adds to its great value, for some valuable forage plants become actually the worst of pests (as bad as cocoa), when you wish to devote the land on which they are established to the cultivation of some other crops. This plant is a rank feeder—with deep feeding roots—and brings up from the sub-soil the dormant fertilizing elements deposited there for years, and deposits them on the surface when they shed their foliage in the fall. Land, which six years ago would not yield more than eight bushels of corn per acre, and actually too poor to cultivate, now seeded in this Giant Beggar Weed, readily yields twenty to twenty-five bushels per acre with never an ounce of fertilizer used on it. If you want the best fertilizer and the cheapest—seed your lands in Giant Beggar Weed. For forage it has no equal. Hogs, cows, horses and mules fatten on it when nothing else will bring them out, and they will refuse any other food when they can get Beggar Weed. Old worn-out horses and mules, when turned in Beggar Weed pasture, will get sleek and fat without further attention. Farmers will make no mistake in investing in Beggar Weed. About five (5) pounds will thoroughly seed an acre.

Price 10 cents a packet; 3 ozs., 25 cents; lb. 50 cents; 5 lbs. \$2.00, by Mail.

My prices are DELIVERED. All charges paid by me. That considered, you will see that I am practically selling SMALL LOTS AT WHOLESALE PRICES. On large quantities write for special estimate. In ordering be sure to give your Express Office as well as Post Office address. Send money the most convenient way for you. Letters with money should be registered always.

10 Cents is not much!

But if everyone who sees this little
Catalogue will send me an
order for that amount

They will get their money's worth and do
me a heap of good.

I CAN

SELL LOW

because my expenses are light.

SPECIAL SEED DISCOUNTS.

(Does not apply to collections, Bulbs nor plants.)

For \$1.00—you select to value of	\$1.25
" 2.00— " " " " "	2.60
" 5.00— " " " " "	7.00

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DWARF ESSEX RAPE.—The main secret in the successful raising of sheep for mutton, for which the English are so famous, lies undoubtedly in the very general use of Fodder Rape for feeding them. After the corn is harvested and before winter sets in there is need of nutritious green fodder, especially for sheep. Dwarf Essex Rape is easily grown and perfectly hardy and possesses remarkable fattening properties. One acre will pasture thirty-six head two months, and lambs will make a gain of 8 to 12 pounds a month. "They weigh like lead." Pigs and cattle are also very fond of it. The plant is a rank grower and should have heavy manuring as well as high cultivation. By sowing different pieces several weeks apart a continuous supply of good feed can be had. For the breeding flock a piece should be sown about the first week in July, with some even later, and the chances taken on its withstanding the drought. From ½ acre there was cut ¾ tons of green Rape, or it yielded at the rate of 19 tons per acre.

If the soil is rich and clean sow broadcast, if not so clean sow in drills and cultivate as for corn. Rape is especially adapted for a catch crop, succeeding well when for any cause other crops have failed, as it, like Turnip, makes its growth late in the season, can be sown on stubble, and will furnish excellent pasturage when much needed in the fall. When sown broadcast, use five pounds, and if in drills two pounds to the acre. Price, per lb. postpaid, 25 cts.; 3 lbs. 65 cts.; 2 oz. pkt. 5 cts.

LAWN GRASS, GOLF MIXTURE. The very best combination of grasses now known. Quart enough to seed 300 sq. ft. mailed for 20 cts. Write for estimate on quantity.

Forage Plants that thrive on Arid Soils.



SAND, WINTER or HAIRY VETCH. (*Vicia villosa*.) This variety thrives on poor, arid, sandy soils. It is sown either in fall or in spring, and generally mixed with rye, which serves as a support to the plants. It grows to a height of from three to four feet, and can be cut twice for fodder, first as soon as the bloom appears, and then it can be again cut for the seed. The plant is perfectly hardy, and the produce is recommended as most nutritious. The seed is black and perfectly round, and should be sown at the rate of one and one-half bushels to the acre. Pkt. 10 cts.; pint 20 cts.; quart 30 cts. all by mail.

GIANT SPURRY. For worn out, clover sick, sandy, gravelly soil, no better crop can be planted than Giant Spurry—it tones up worn out soil and produces an abundance of sweet nutritious pasture and hay. Cows will give more, and better milk and butter when fed on this. Sow on waste places, sandy, gravelly, stony knolls and fields and get same returns from them. Price, oz. 10 cts.; lb. 25 cts.

DOUBLE CUTTING SAINFOIN. This is a plant of tried and proven merits. It yields immense crops of hay and furnishes abundance of pasture. On poor thin soils its greatest merits are revealed—thousands of acres of land in England and Germany that would not produce a pittance without this plant, with it make good returns to the farmer—easy grown and easy to cure as hay. Fine for sheep and equally good South and North. Price 5 cts. pkt.; lb. 25 cts. Sow 10 lb. per acre.

LATHYRUS SILVESTRIS WAGNERI. This plant has only been before the public for the last few years. It created a great sensation from the start, so thoroughly was it advertised and praised by the different agricultural experiment stations and foreign authorities. It has long fleshy roots like alfalfa—and while a little difficult to get established the first year—it is certainly a great land enriching and fodder plant. I recommend all farmers to try it in a small way at least. It is said to be a wonder. Price, pkt. 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 50 cts.; lb. \$1.75.

IDAHO COFFEE PEA, adapted to the Arid Regions. It grows and matures without irrigation, apparently gathering sufficient moisture from the air. Easily cultivated and very prolific.



SAND VETCH.

Has been tried in Colorado, Utah and New Mexico and will grow almost anywhere and produce more stock feed to the acre than any other plant.

When browned and ground for coffee it is an excellent substitute.

As good cooked as table Peas and makes delicious soup.

Weevils, Grasshoppers and other insects do not prey upon it and has no known insect enemies. Pkt. 10 cts.; pound 30 cts. by mail.



AUSTRALIAN SALT BUSH. A Forage Plant for Alkali Soil and for Regions subject to Periodic Drought.

This is a most wonderful forage plant as it will grow freely in arid and Alkali lands, that will produce no other vegetation, yielding a marvelously liberal foliage which is eagerly eaten by all kinds of stock. It is of creeping habit. From twenty to thirty tons of green fodder have been harvested from one acre. It has further been proved that after three or four crops have been grown on alkali land, that the soil is then capable of producing any other vegetation. In many sections of the States this is in itself of priceless value.

This plant has been very extensively tried at the California Experimental Station, where single plants, grown on the poorest alkali ground, have reached a diameter of sixteen feet in one season. One pound of seed will plant an acre. It grows readily from seed and requires no cultivation. Price, per lb. \$2.50; $\frac{1}{4}$ lb. 75 cts.; oz. 25 cts.; pkt. 10 cts.



Teosinte.

TEOSINTE.

This gigantic Gramina is a wonder of productiveness, of sweetness, and of nutriment. It produces a swamp of corn-like foliage through scorching heat and parching drouths. Cattle eat it ravenously, and people who have planted it, say: as a forage or fodder plant, this is the greatest thing of the age, especially for the South. In appearance it resembles corn, but the leaves are much longer, broader, and sweeter. It grows 12 feet high, producing a great number of shoots, which are thickly covered with heavy foliage. 85 stalks have been grown from one seed, and it produces 40 tons to the acre. At the rate which hay and other stock feed costs, Teosinte will yield \$200 worth of fodder or ensilage to the acre.

Mr. J. W. MOSENBOCKER, of Gallatin, Tenn., writes me, November 7, 1895:

"The Teosinte grew about five feet high in one month and a half, about 25 stalks to the hill. I never saw anything like it."

✂ May be cut two or three times during the season.

The true Algerian seed, grown on the scorching plains of Algiers. Plant like corn—three pounds to the acre. Large packet, 15c.; ounce, 20c.; 2 ounces, 30c.; half pound, 75c.; pound, \$1.25, by mail.

REPORT FROM AGRICULTURAL EXPERIMENT STATION OF MISSISSIPPI

On Teosinte.

"Although this has been before the public for many years, it has not yet attained the popularity it deserves in the Southern States. It is a remarkably vigorous grower, reaching ten or twelve feet in height, with an unusually abundant supply of leaves and slender stems, which continue to grow until killed by frost. If cut when it reaches four or five feet high, it makes excellent hay, and will produce a second crop fully as large. If left to grow until September or October, it furnishes the very best material for the silo and a greater amount per acre than does either corn or sorghum, and we have found no other plant which is its equal for soiling purposes."

Mr. CARPENTER says:

"To the foregoing I will add my own observation of Teosinte. I have cut from my field a number of stalks measuring over fourteen feet high and weighing more than three pounds while green, on ordinary land without fertilizer. I can readily believe the report that it reaches eighteen feet high, and that as many as eighty-five stalks averaging eleven feet high have been known to grow from one seed. I believe that thirty-five or forty tons could be produced on one acre, if well cultivated, and fertilized. I am satisfied raising Teosinte **does not impoverish the land, but improves it.** I take Teosinte to be a cross between Indian corn and sugar cane. The tassel, silk, and blade resembles Indian corn, and the stalk and habits in growing are similar to sugar cane. Teosinte is not easily injured either by drouth or rain. I believe it is the best crop that can be raised for stock, as they are very fond of it either in the dry or green state."

CRIMSON CLOVER.

(*Trifolia Incarnatum.*)

Large package by mail, 10 cents; 20 cents per lb.;
10 lbs., \$1.50.

"Never in the history of Agriculture has the discovery of an economic plant been more opportune."

1. You can get a heavy crop of hay 3 months after sowing seed.
2. Can be cut two to four times a season.
3. It will grow on clover-sick land.
4. It will grow where you can't raise a spear of red clover.
5. Valuable for soiling and silage.
6. A Fall, Summer and Spring pasturage.
7. In the South it makes a rich winter pasturage.
8. Gathers nitrogen. Will double your crops by ploughing under, and will double the yield on worn-out land.
9. Valuable as a seed producer.

The raising of Crimson Clover seed is now a leading and most profitable crop to the Delaware farmer.

Raise your own seed; you do not have to have expensive cleaning machinery for that purpose, it grows just as well or better when sown in the chaff, in fact it is nature's way.

Farm Journal speaks thus of Crimson Clover:

"We find it about as hardy as red clover. In fact, we see no difference in this respect.

For early spring pasture it is superior to anything we have yet discovered. If sown early enough, so that it gets sufficient top to pasture in the fall, grazing it at this season is a benefit rather than an injury to the plant.

When pastured in the spring, stock should be turned on as soon as the ground is solid enough to bear the tramping. If a good stand has been secured, and the crop has not been injured by winter weather, it may be grazed for two or three weeks in spring and will then grow a good crop of hay.

Such treatment will delay the harvest time, which is in some cases an advantage, as if left to itself it matures before the weather is propitious for making hay.

A subscriber tells us that he sowed a field in April, 1894, pastured it closely all the season, so that it had no chance to bloom, and cut a good crop of hay this last May. Here is a point worthy of note.

When crimson clover produces bloom and goes to seed it dies. It will continue on the same soil only by reseeded. This it will do itself if not harvested.

By all means sow crimson clover. Sow it early, fifteen pounds per acre. Prepare the ground well. Sow in corn or other growing crops. Harrow in lightly. When the soil is light or dry and there are no crops in the way, roll the ground."

Mr. STALLINGS, of Tennessee, writes:

"There was some of it sown here a year ago last August, by a negro, on land which had raised sorghum. The land was poor, but it grew waist-high, and cut two tons per acre, and made a second crop of one ton. He cut it both times just as it bloomed, and planted the land in sorghum and doubled the crop over the year before."

Crimson Clover may be sown at any time, and may be cut for soiling as early as the middle of April, and for ensilage and hay by the first or middle of May. Will produce on ordinary soil eight to ten tons of green food per acre; one and a half to two and a half tons of hay per acre.

Ploughed under as a manurial crop it is worth as a fertilizer \$24.00 per acre. Experiments at the Delaware Experimental Station have shown that \$1.00 invested in seed per acre added 24 bushels of corn, while 1.00 worth of nitrate of soda per acre increased the yield of corn only 6 bushels.

It is purely a biennial, and must be sown every two years. Ten to fifteen pounds are required to seed an acre properly, and after sowing should be covered by a light harrowing.

It can be sown in fields of growing corn, in open ground after some other crop is harvested, in apple, peach, pear, plum, or cherry orchards, in tomato, cabbage, beans, peas, watermelons, cantaloupes or any cultivated crop, also with buckwheat, oats, rye, wheat, &c.

Is also sown in asparagus beds, in raspberry and blackberry patches to keep down weeds, and to be ploughed under as manure with excellent results. When sown in August or earlier it furnishes excellent pasture in November and December, and in early spring, without injury to either hay or seed crop.



Crimson Clover.

SACALINE

(POLYGONUM SACHALINENSE.) A NEW FORAGE PLANT.



SACALINE.

This collection of the ten kinds, one packet each, mailed for 75 cts. and a few sample packets of vegetable seeds added.

Clovers and Grasses by Mail.

ALFALFA or LUCERNE. Particularly valuable in the South and West; sow 15 lbs. to acre. Pound 25 cts.

ALSIKE or GIANT WHITE CLOVER. A little known, but very valuable clover; will stand cold, dry and wet weather, and grows 4 feet high; sow 10 lbs. to acre. Pound 25 cts.

BOKHARA CLOVER. Most valuable for soiling; can be cut several times and, like Crimson Clover, it will last two years or more if not allowed to go to seed; valuable also for bees; sow 10 lbs. to acre. Pound 35 cts.

FANCY BLUE GRASS. Excellent for permanent pasture, Pound 20 cts.

ORCHARD GRASS. A quick-growing, early grass for hay or pasture. Pound 25 cts.

ENGLISH RYE GRASS. Pound 20 cts.

TALL MEADOW OAT GRASS. This is a very valuable grass for hay or pasture, and should be used much more than it is. Pound 25 cts.

LAWN GRASS. A very choice mixture. Quart 20 cts.

HUNGARIAN GRASS. Pound 15 cts.

GERMAN or GOLDEN MILLET. Pound 15 cts.

Other Grass seed also supplied in large or small quantities. Prices on application.

Send for Wholesale bulk list of Farm Seeds shipped from Depots at New York, Chicago or Kansas City.

The Introducer says:

"It is perfectly hardy even in Siberia. Flourishes in the Indies. Requires no plowing before planting. Needs no cultivation, no manuring, no re-planting. Roots penetrate deep into the soil.

ONCE PLANTED, STANDS FOREVER.

Luxuriates in wet lands. Endures severest drought with impunity. Grows in poorest soils.

Thrives where no other forage plant will grow.

Young shoots and leaves eaten as a vegetable.

Stems and leaves, green or dry, greatly relished by cattle, sheep and horses.

More nutritious than Clover or Lucerne. Produces 90 to 180 tons of green foliage per acre.

Gives three and four cuttings per year.

Planted at any time. Grows 14 feet high by June.

Excellent soil enricher."

Detailed circular with every order.

Pkt. 10c. Large Pkt. 25c. (over 250 seeds); ½ oz. 75 cts.

PLANTS 10 CENTS EACH.

1.00 per doz. postpaid.

Grand List of Forage Plants.

Special offer of all new kinds by mail.

Over One Dollar's Worth of Seed for 75 cts.

Giant Beggar Weed, 10 cts.	Lathyrus Sylvestria, 10 cts.
Sacaline, - - 10 cts.	Crimson Clover, - 10 cts.
Teosinte, - - 15 cts.	Australian Salt Bush 10 cts.
Alfalfa, - - 10 cts.	Dwarf Essex Rape, 5 cts.
Giant Spurry, - 10 cts.	Sand Vetch (<i>Vicia villosa</i>), 10 cts.
Double Cutting Sainfoin, 5 cts.	

\$1.05



ORCHARD GRASS.

ASPARAGUS.

1 oz. contains 500 seeds. 1 oz. will sow a row 50 feet long. 700 roots will plant an acre.

Culture.—Sow the seeds thinly in rows one foot apart in April or May, and keep down all weeds. Radish or Lettuce seed may be mixed with it, so as to mark the rows readily, and allow the weeds to be destroyed as soon as they appear. To secure strong healthy plants, thin out the seedlings to three or four inches in the rows, saving only the strongest. In planting for private use, set out in beds five feet wide, three rows in a bed, the outer being each one foot from the edge, and allow twelve inches in the rows; set the plants at least six inches below the surface. If set out in the autumn, we recommend a top dressing of at least six inches of manure. For market on a large scale, set four feet apart one way and one and a-half the other, which will allow the use of a horse and cultivator to keep the weeds under. Every Fall a good dressing of coarse manure should be applied after the tops have been cut, and in the spring forked in. In localities away from the sea coast, a dressing of coarse salt given in spring, at the rate of two pounds to the square yard, will be found very beneficial.

CONOVER'S COLOSSAL.—The standard variety. Pkt. 5 cts.; oz. 10 cts.

Two-year-old roots, by mail, \$1.00 per 100. Doz. 20 cts.

MAMMOTH WHITE COLUMBIAN.—A new variety of Colossal Asparagus, very light in color, not requiring bleaching, and much more valuable for Market Gardeners; finest in size and quality; seed, pkt. 6 cts.; oz. 16 cts. Limited number of strong plants, 2 year, 25 cts. a doz.; strong plants, 1 year, 15 cts. a doz.

BEANS.

After the ground is warm, plant in drills, 2 ins. deep and 3 ins. apart. Drills should be at least 18 ins. apart. Never work beans when the leaves are wet.

EARLY RED VALENTINE.—A variety of undoubted merit; pkt. 5 cts.; pint 20 cts.; qt. 40 cts.

EARLY MOHAWK.—A favorite early variety. Also good to plant for late use; pkt. 5 cts.; pint 20 cts.; qt. 40 cts.

IMPROVED RUST-PROOF GOLDEN WAX.—The finest of Wax Beans; not liable to rust; pkt. 5 cts.; pint 25 cts.; qt. 45 cts.

GOLDEN-EYED WAX.—Very hardy and prolific. Early and exceptionally free from rust, of best quality, a very desirable sort. Pkt. 5 cts.; pint 25 cts.; qt. 45 cts.

POLE BEAN, LAZY WIFE.—Best pole snap bean; pkt. 5 cts.; pint 25 cts.; qt. 45 cts.



BURPEE'S BUSH LIMA.

At Wholesale Prices. By Mail Pre-
paid. Large Packet 8 Cents;
Pint 30 Cents; Quart
50 Cents.

This is not only the best bush lima, but is equal in every way to the large white pole limas. The beans are as large, as rich and delicious, and yield as well; the plants bear from 50 to 200 pods. It is early, and grows without poles or trouble. By all means plant some.



GOLDEN WAX.

POLE LIMAS.

KING OF THE GARDEN.—A very desirable kind; produces largest pods, of unsurpassed excellence; pkt. 5 cts.; pint 25 cts.; qt. 45 cts.

DREER'S IMPROVED.—Best early; delicious flavor; very productive; pkt. 5 cts.; pint 25 cts.; qt. 45 cts.



The MARKET GARDENERS BEETS



DEWING'S.

ECLIPSE.

EDMAND'S.

EGYPTIAN.

Sow thickly, as early as possible, in rows a foot apart; thin out to 4 or 5 inches, using the young beets for greens.

EDMAND'S.—A market gardener's strain of great regularity in shape; deep blood skin, and very dark flesh of best quality; pkt. 3 cts.; oz. 7 cts.; lb. 45 cts.

ECLIPSE.—Extra early; very desirable; round rooted, and dark red; pkt. 3 cts.; oz. 8 cts.; lb. 55 cts.

EGYPTIAN.—Very early and of dark blood color; rather flat in shape; pkt. 3 cts.; oz. 7 cts.; lb. 45 cts.

DEWING'S.—(Blood Turnip). Or fine form and flavor, and good for market; pkt. 3 cts.; oz. 7 cts.; lb. 40 cts.

CABBAGE.

EARLY JERSEY WAKEFIELD.—Very early; particularly prized by gardeners; pkt. 3 cts.; oz. 15 cts.

VANDERGAW.—Considered the best by some growers on Long Island, where it originated. Early and late; pkt. 3 cts.; oz. 15 cts.

PERFECTION SAVOY.—Largest of Savoy varieties, and best for market and garden; pkt. 3 cts.; oz. 15 cts.

PREMIUM LATE FLAT DUTCH.—One of the oldest varieties, and in greatest favor; large solid heads and flat surface; pkt. 3 cts.; oz. 15 cts.

SUREHEAD.—Like Flat Dutch; sure to head; pkt. 3 cts.; oz. 15 cts.

HENDERSON'S SUCCESSION.—A new variety of great value; large heads of excellent quality; equally good for early, medium or late; pkt. 3 cts.; oz. 15 cts.



SUREHEAD



HENDERSON'S EARLY SNOWBALL.
CAULIFLOWER.

EARLY SNOWBALL.—Without doubt the best for early garden; pkt. 10 cts.; ½ oz. \$1.00.

LARGE ALGIERS.—Large, fine heads; pkt. 5 cts.; oz. 40 cts.

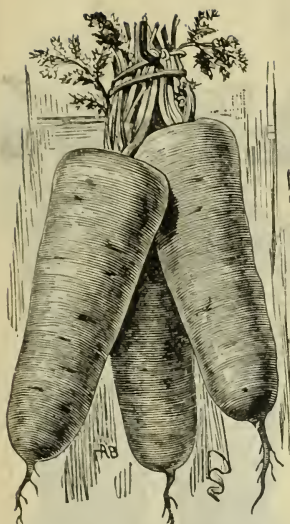
Carrots.

FRENCH FORCING.—Smallest and earliest; pkt. 4 cts.; oz. 10 cts.; lb. \$1.00.

DANVERS.—A half long variety; very desirable; pkt. 3 cts.; oz. 6 cts.; lb. 60 cts.

OX HEART.—A French kind, and very popular; try it; very fine; pkt. 3 cts.; oz. 7 cts.; lb. 75 cts.

IMPROVED LONG ORANGE.—Best of the large varieties; heavy cropper; good for stock; pkt. 3 cts.; oz. 6 cts.; lb. 60 cts.



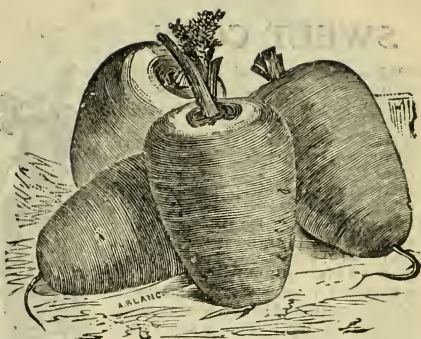
DANVERS.



WHITE SPINE.



WHITE PLUM.



OX-HEART.



NEW JAPANESE CLIMBING CUCUMBER.

This sensational novelty of Europe has come to stay. The seed was originally brought from Japan about five years ago, and has proved thoroughly adapted to open-air culture throughout Europe and America. The vines are of healthy, vigorous growth, with rich, dark green foliage, and throw out strong, grasping tendrils, which enable it to climb on trellis or any other suitable support. It comes into bearing quickly; fruit large size, delicate flavor, excellent quality for slicing, and when young make attractive pickles. Per pkt. 5 cts.; oz. 15 cts.; 1/4 lb. 50 cts.; lb. \$1.60.

Cucumbers.

Pkt. 3 cts.; oz. 10 cts.; lb. 70 cts.

EARLY CLUSTER.—Very early; of finest flavor; excellent for general use.

GREEN PROLIFIC PICKLING.—Good fortable use as well as pickling.

WHITESPINE.—An old favorite variety.

THOURBURN'S EVER-BEARING.—Said to continue blossoming and bearing until cut by frost.

LONG GREEN.—A great bearer, fine quality and very large.



EARLY CLUSTER.

Celery.

	Pkt.	Oz.
GOLDEN SELF-BLANCHING. —This is the most prized of all the self-blanching kinds.	\$0.05	\$0.25
WHITE PLUM. —Best for fall and early winter use.	5	25
GIANT PASCAL. —Best of the large kinds.	4	20

SWEET CORN.

CORY.—Earliest kind of all; a vigorous grower and dwarf in habit; very productive; pkt. 4 cts.; pint, 16 cts.; quart 30 cts.

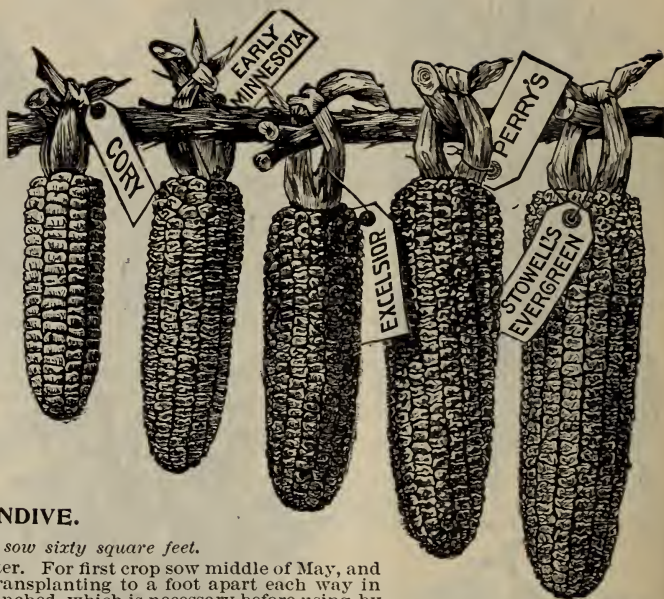
EARLY MINNESOTA.—A very dwarf extra early variety; a little later than Cory, but far better in quality; pkt. 4 cts.; pint 20 cts.; quart 35 cts.

PERRY'S HYBRID.—An early variety, with large ears; excellent in quality; very tender; pkt. 5 cts.; pint 20 cts.; quart 35 cts.

STOWELL'S EVERGREEN.—Most celebrated and popular of all for general use; pkt. 4 cts.; pint 16 cts.; quart 30 cts.

POTTER'S EXCELSIOR.—Moderately early; particularly sweet and tender; extra fine; pkt. 5 cts.; pint 20 cts.; quart 35 cts.

MAMMOTH SUGAR.—Largest of the Sweet Corn; delicious; late; pkt. 5 cts.; pint 20 cts.; quart 35 cts.



ENDIVE.

One ounce will sow sixty square feet.

Used as a salad for fall and winter. For first crop sow middle of May, and for succession in June and July, transplanting to a foot apart each way in August and September. Can be blanched, which is necessary before using, by tying up leaves close together, or by placing a piece of slate or board upon them.

GREEN CURLED, AND BROAD-LEAVED BATAVIAN, per pkt. 5 cts.; oz. 15 cts.

KALE OR BORECOLE.

One ounce will sow a bed of forty square feet and produce about 3,000 plants.

DWARF GERMAN GREENS OR SPROUTS (*Siberian Kale.*)—Of all the cabbage tribe this is the most tender and delicate. Sow in September and treat same as Spinach. Best for autumn sowing, for spring use; pkt. 5 cts.; oz. 10 cts.

GREEN CURLED SCOTCH.—Not so hardy as the preceding sort, and is grown for fall use. Sow in April and transplant in June, the same as for Cabbage. Is best when touched by frost, pkt. 5 cts.; oz. 10 cts.

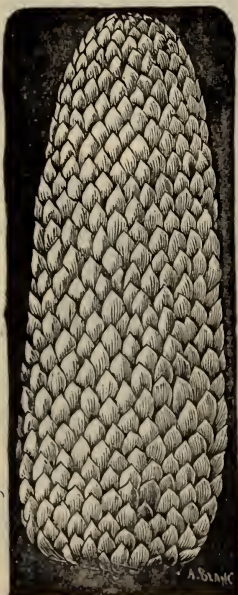
EGG PLANT.

One ounce will produce about 1,000 plants.

Very sensitive to cold, and should not be planted too early. Sow in hot-bed in April, protecting plants from cold nights, and transplant to open ground about June 1. Should be grown in pots, as they do not readily transplant. Plant in richest possible soil, and in a sheltered position.

NEW YORK IMPROVED.—Very large, the standard kind, pkt. 5 cts.; oz. 40 cts.

BLACK PEKIN.—Early, very superior, smaller than the above, pkt. 5 cts.; oz. 40 cts.



POP CORN.

A fine popper; pkt. 4 cts.; pint 14 cts.; quart 25 cts.

I deliver seeds at these prices to any Post Office in the United States. For Canada and Mexico add 8 cts. per pound or pint for extra postage.



New York Improved.

LETTUCE.

Pkt. 3 cts.; oz. 10 cts.

EARLY CURLED SIMPSON.—A very early variety of excellent quality; loose open head; tender.

TENNISBALL.—Best early head Lettuce, for home or market.

HANSON.—The finest for heading.

CALIFORNIA CREAM BUTTER.—In quality this is seldom equalled; never excelled.



EARLY CURLED SIMPSON.



TENNISBALL.

MELONS.

Culture.—Select a light, sandy, rich soil, and after all danger of frost is over and the ground has become warm and dry, plant in hills four to six feet apart each way, six to twelve seeds to the hill. When up, and all danger of insects has passed, pull out all but three plants. Cultivate until the vines cover the ground, and pinch the end of growing shoots to induce early fruiting. Ashes, lime, or even dry road dust is excellent to sift over the young plants when the dew is on, to prevent the attacks of insects. A few hills for early may be had by sowing in hot beds on pieces of sod or in pots. The seed may also be started out of doors under hand frames or glasses.

MUSK MELON.

EMERALD GEM.—

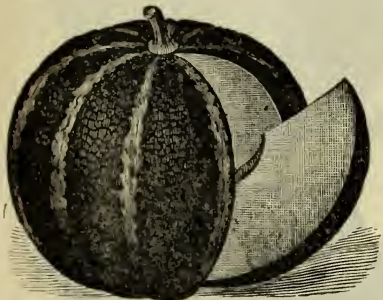
Very early; medium size, dark skin and light salmon flesh; delicious flavor; pkt. 3 cts.; oz. 10 cts.

EARLY HACKENSACK.—Extra early.

A standard variety of finest quality; pkt. 3 cts.; oz. 10 cts.

JENNY LIND.—A

very small melon of best quality; green flesh; very early; pkt. 3 cts.; oz. 10 cts.



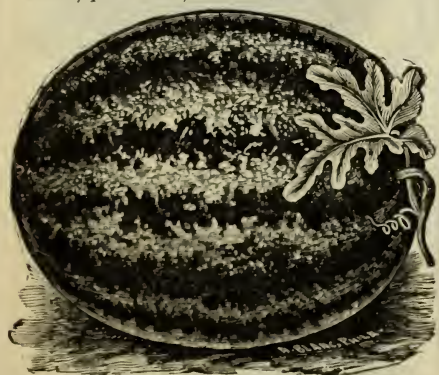
EMERALD GEM.



EARLY HACKENSACK.

WATER MELON.

SWEET HEART.—This new melon already has a world-wide fame. None so sweet or handsome. If you want a most delicious melon, take Sweet Heart; pkt. 3 cts.; oz. 10 cts.



SWEET HEART.



PHINNEY'S EARLY.

PHINNEY'S EARLY.—Extra early, fine quality. Will thrive and ripen where others fail; pkt. 3 cts.; oz. 7 cts.

DARK ICING.—A reliable standard. Heavy cropper, good keeper and shipper. Best for main crop; pkt. 3 cts.; oz. 7 cts.

ONION.

One ounce will sow one hundred feet of drill.

The soil can scarcely be made too rich. Hen manure well mixed with the soil producing the best results. Sow early in spring—the earlier the better—in rows 12 inches apart, thinning out the plants to three inches apart when large enough.

After sowing, the earth should be firmly pressed down close to the seed with the back of a spade. It is a good practice to observe this with all fine seeds, as it brings the soil in close contact with the seeds and ensures their quick germination.

Having a large quantity of **best seeds**, I can make a special inducement on prices.

WHITE ADRIATIC BARLETTA. The earliest. Extra fine. Particularly mild and delicate in flavor. Best for pickles. Pkt. 5 cts.; oz. 20 cts.; lb. \$2.00.

LARGE RED WETHERSFIELD. The leading standard; more largely grown than any other sort. Pkt. 3 cts.; oz. 20 cts.; lb. \$1.00.

LARGE RED GLOBE. Pkt. 3 cts.; oz. 20 cts.; lb. \$1.25.

YELLOW DANVERS. Pkt. 3 cts.; oz. 20 cts.; lb. 80 cts.

YELLOW GLOBE DANVERS. Pkt. 3 cts.; oz. 20 cts.; lb. \$1.00.

SOUTHPORT WHITE GLOBE. Best large white. Pkt. 3 cts.; oz. 20 cts.; lb. \$2.00.

PRIZE TAKER. The favorite large yellow Spanish. Very mild. Great yielder. Pkt. 5 cts.; oz. 25 cts.; lb. \$2.00.

SPECIAL TO MARKET GARDENERS.—Ten pounds of Onion Seed for the price of 9 pounds, delivered to you without extra charge.



ONION SETS, and TOPS are planted near the surface in drills 12 inches apart and 4 inches in the rows. These are particularly valuable for early use, and also where onions cannot be

raised from seed the first year.

WHITE ONION SETS, 40 cts. per quart, post-paid.

RED ONION SETS, 40 cts. per quart post-paid.

SHALLOTS, 50 cts. per quart post-paid.



POTATO.

VAUGHAN. Very early and good yielder. Has the finest and most delicious table quality of any early potato. 1 lb. 25 cts.; 3 lbs. 60 cts.

HIBERNIA. This potato was brought here by an Irishman several years ago and has become such a favorite that it is now grown more extensively in this section than any other variety. For general crop I believe it to be the best and most reliable to plant. Withstands drought better than any other. Immense cropper. Table quality unsurpassed. Medium early, and an excellent keeper; 1 lb. 20 cts.; 3 lbs. 50 cts.

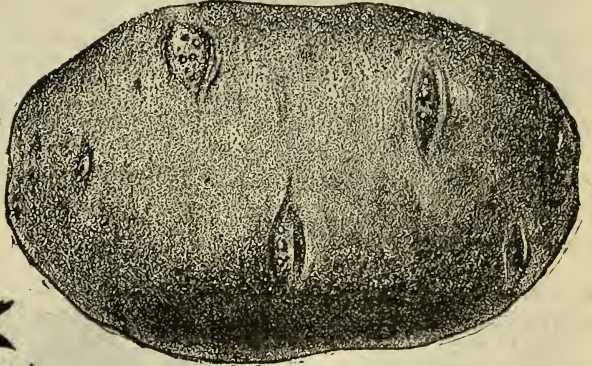
CARMAN, No. 3.

THE BEST LATE VARIETY EVER GROWN.

Our claims for "Carman No. 3" are:

- 1st. It is the handsomest large Potato ever produced.
- 2d. It will outyield any other Potato whatever.
- 3d. Practically every Potato is of marketable size.
- 4th. Its table qualities are fully up to the highest standard; it has no hollow hearts, and no hard or dark parts.

We are confident that it will soon be the most popular late variety for field culture, on account of its enormous productiveness and great beauty. Price, 1 lb. by mail, prepaid, 30 cts.; 3 lbs. 75 cts.



ACME SEEDLING.

Another season proves that this new potato heads the list of extra early. Can be dug in five weeks from time of planting. Earliest of all. By mail, 1 lb. 30 cts.; 3 lbs. 75 cts.

WHITE VELVET OKRA.

One ounce will plant 100 hills.

Used largely in the Southern States. The long pods, when young, are used in soups, stews, etc., and are highly nutritious. Sow in May in drills 2 feet apart, 2 inches deep; plant 9 inches apart.

The pods are large, round and smooth, are produced in abundant quantities; ivory-white with a velvety texture, and not prickly like other sorts. Pkt. 5 cts.; oz. 10 cts.

PUMPKIN.

CONNECTICUT

FIELD. The surest and largest cropper. Good for stock and pies. Large pkt. 3 cts.; qt. 25 cts.



DOUBLE MOSS CURLED.

PARSLEY

Seed is slow to germinate; soak over night in luke-warm water. Drills 12 inches apart, thin to 4 inches.

DOUBLE MOSS CURLED. A fine flavored, pretty variety. Pkt. 3 cts.; oz. 15 cts.

PARSNIPS.

Should be sown as early in the spring as the ground can be worked. Drills 16 or 18 inches apart. Thin to 6 inches. Requires deep soil to do well.

HOLLOW CROWN is the favorite. Pkt. 3 cts.; oz. 10 cts.



WHITE VELVET OKRA.

PEAS.

Sow as early as possible in the spring and plant some of each variety at once. That will give you a succession. If you use one kind only, plant every ten days for succession.

You can gain a week or 10 days by sprouting the seed ahead. The simplest way is to spread the seed between wet bags, in a warm place. Plant when well sprouted.



M'LEAN'S ADVANCER.

DEXTER.—Very best extra early; pkt., 4 cts.; pint, 15 cts.; quart, 28 cts.

STRATAGEM.—An early dwarf wrinkled variety of finest quality; pkt., 5 cts.; pint, 18 cts.; quart, 30 cts.

PREMIUM GEM.—Very early; dwarf wrinkled; a great bearer; excellent quality; pkt., 5 cts.; pint, 20 cts.; quart, 35 cts.

McLEAN'S ADVANCER.—Intermediate. Best for general crop; an old standard; pkt., 5 cts.; pint, 18 cts.; quart, 30 cts.

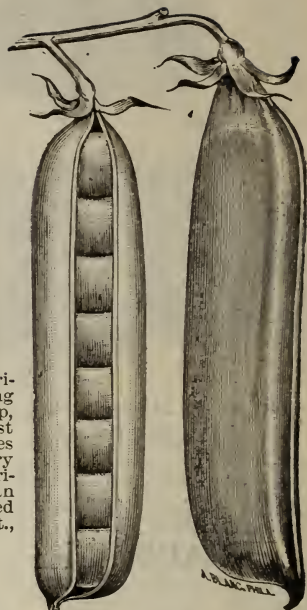
CHAMPION OF ENGLAND.—Very late, but very good. Sow thickly in double row and brush; pkt., 5 cts.; pint, 18 cts.; quart, 30 cts.



PREMIUM GEM.

NOTT'S EXCELSIOR.—This excellent new dwarf wrinkled Pea will supersede the well-known favorite American Wonder, the only sort grown by many and which variety has been pronounced the best of all the dwarf wrinkled sorts. The pods of this variety are fully one-third larger than that variety, each pod producing six to eight large, plump, luscious peas, of the finest quality; grows 12 to 15 inches high, very robust and very productive. Try this variety by the side of American wonder, and be convinced of its good qualities. Pkt., 5 cts.; 35 cts. per quart.

AMERICAN WONDER.—Pkt., 5 cts.; pint, 20 cts.; quart, 35 cts.



NOTT'S EXCELSIOR.



BULL NOSE.

PEPPER.

Start in window-box or hot-bed, and plant out when ground is warm, about two feet apart each way.

LARGE BELL OR BULL NOSE.—Very large and mild flavor; pkt., 3 cts.; oz., 12 cts.

RUBY KING.—Bright red, handsomest of all, mild; extra fine; pkt., 3 cts.; oz., 15 cts.



RUBY KING.

RADISH.

Should be sown first in the Spring and every week or two for succession, and in the Fall for Winter use. This selection is of the best sorts.

Pkt. 3 cts.; oz. 7 cts.; lb. 55 cts.

EXTRA EARLY SCARLET TURNIP.—Earliest; a favorite foreign variety, crisp and tender.

WHITE-TIPPED SCARLET TURNIP.—Also used for forcing.

FRENCH BREAKFAST.—Early, and extra fine quality; best for general use.

CHARTIER.—A long, French radish of superior quality.

CHINA ROSE.—A large, quick growing Winter radish.



EX. EARLY SCARLET TURNIP.



FRENCH BREAKFAST.



CHARTIER.

SALSIFY.

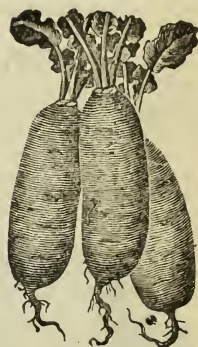
As soon as the ground is fit to work, sow in drills a foot apart and thin to four or five inches. Requires a long season of growth and good cultivation. Dig some of the roots for Winter use and leave the rest in the ground until Spring. This vegetable when well prepared is a very dainty dish.

Pkt. 3 cts.; oz. 10 cts.

SWISS CHARD.

Pkt. 3 cts.; oz. 10 cts.

This is of the Beet family, but the tops only are used for greens. Sow as you would sow Beets and thin out for use as it grows. Very tasty and delicate.



CHINA ROSE.

SQUASH.

Pkt. 3 cts.; oz. 8 cts.; lb. 80 cts.

After the ground is warm, plant in hills four feet apart for the Summer varieties and six feet for the larger kinds.

SUMMER WHITE BUSH SCOLOPED.—Earliest.

SUMMER CROOKNECK.—Best Summer.

BOSTON MARROW.—An old favorite for general use.

HUBBARD.—A well-known sort.

ESSEX HYBRID.—Excellent. Fall and Winter.



WHITE BUSH SCOLOPED.



SANDWICH ISLAND SALSIFY.



SUMMER CROOKNECK.



BOSTON MARROW.



LONG-STANDING.

SPINACH.

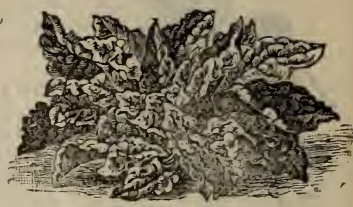
Pkt. 3 cts.; oz. 8 cts.

Make a few sowings early in the spring every two weeks and again in latter part of summer for late use.

Spinach can be left out all winter by covering with litter.

LARGE ROUND VIROFLAY. Finest in quality.

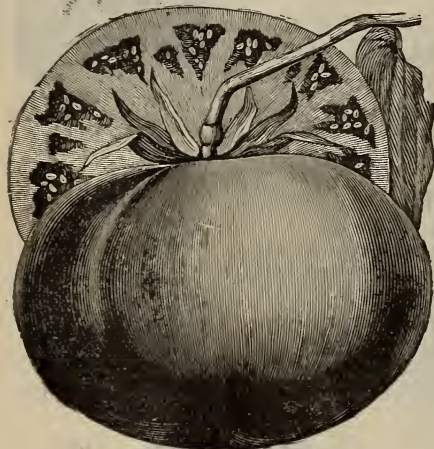
LONG-STANDING. Does not run to seed as quickly as other varieties. A great favorite.



VIROFLAY.

TOMATO.

For early use, sow in February or March in a hot-bed or in boxes and pots set in the warm window, and hasten the germination and growth of the plants by good care and frequent watering. When the seedlings are about 2 inches high, transplant them to pots, or in rows 4 or 5 inches apart.



BRIGHT AND EARLY.

BRIGHT AND EARLY. A new tomato of greatest promise. We now have so many very fine tomatoes that a new one, to be of any value, must have *every good quality* added to *earliness*, and all this is claimed for *Bright and Early*. Pkt. 8 cts.; oz. 4 cts.

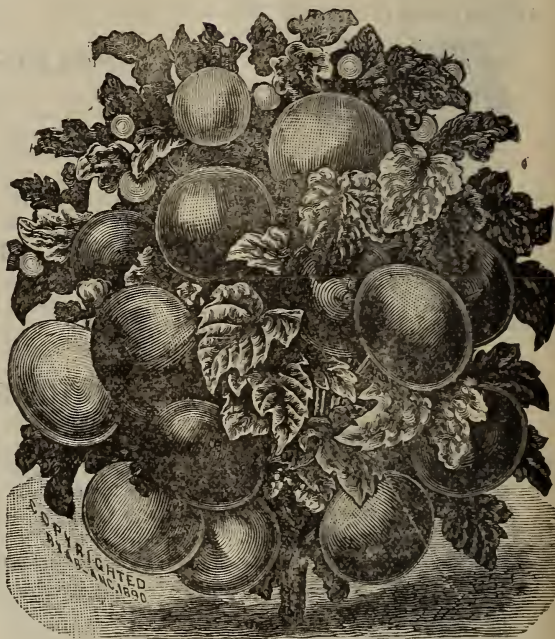
DWARF CHAMPION. Very fine quality; makes nice compact bushes. Pkt. 5 cts.; oz. 20 cts.

FAVORITE. Large, smooth, popular sort. Pkt. 3 cts.; oz. 15 cts.

IGNOTUM. Finest quality; extra early variety. Pkt. 3 cts.; oz. 15 cts.

NEW STONE. Said by some to be the best of all tomatoes. Pkt. 3 cts.; oz. 15 cts.

PONDEROSA. The largest tomato. Fine quality. Pkt. 5 cts.; oz. 25 cts.



DWARF CHAMPION TOMATO.

TURNIP.

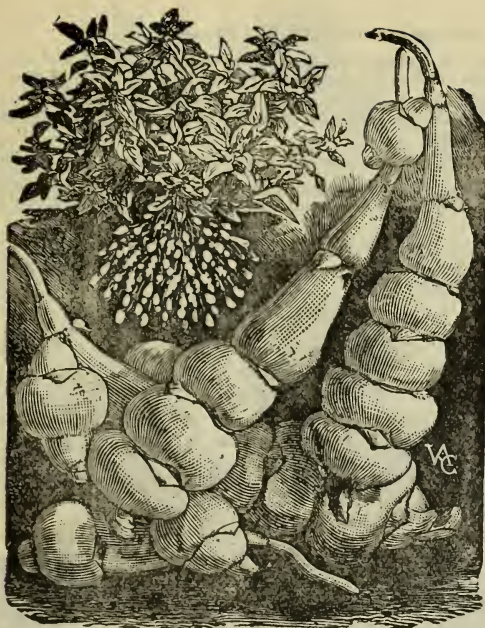
For early use, sow as soon as the ground can be prepared in spring, in drills 15 inches apart, and thin the plants to stand 8 inches apart. Sow for succession at intervals of a fortnight, until the last week in July, and from that time onward until the last of August, sow for main crop. The sowing should always be made just before a rain, if possible, as the success of the crop depends in a great measure upon quick germination and rapid growth in the young plants. One pound will sow an acre.

EARLY WHITE FLAT DUTCH. Earliest variety, and best for table use. Pkt. 3 cts.; oz. 7 cts.; lb. 50 cts.

PURPLE TOP STRAP-LEAF. The best strap-leaved sort; flesh pure white, form flat, excellent quality. Pkt. 3 cts.; oz. 7 cts.; lb. 50 cts.

RUTA-BAGA.

IMPROVED AMERICAN PURPLE TOP. One of the best of Ruta-bagas. Pkt. 3 cts.; oz. 7 cts.; lb. 60 cts.



STACHYS AFFINIS.

STACHYS AFFINIS.

(Chinese Artichoke or Vegetable Whitebait.)

Cooked like Whitebait, it is an excellent substitute for that dish. Bulbs are the size and shape given in cut, and taste like tuber of an artichoke, only more delicate. Make the most appetizing pickles, crisp, tender and delicate. Are preeminently an *Ideal Pickler*, far finer than cucumbers or anything else.

Are good cooked in a variety of ways—fried, roasted, baked, etc. Valuable for stock, owing to enormous productiveness. Are probably the most valuable feed to raise for swine. With us the past season, planted in ordinary soil, they yielded a bushel of tubers to every ten feet of row. Bulbs sweet, tender and nutritious. They are perfectly hardy, and, like parsnips or artichokes, are best if left in the ground till spring. Price of fine tubers, 15 cts. a doz.; 50 cts. a 100.

GOURDS.

JAPANESE NEST EGG GOURD.—As they exactly resemble, in color, shape and size, the eggs of hens, do not crack, and are uninjured by cold or wet, they make the very best nest-eggs. The plant is a rapid-growing climber, and is useful for covering screens, etc., being quite ornamental,



with the numerous white eggs. Pkt., 5 cts.

BRYONOPSIS.—Very pretty and curious oblong fruit marked with white, turning scarlet. Excellent for covering verandas, arbors, etc. Of very rapid growth, with highly ornamental foliage. Pkt., 5 cts.

HERCULES' CLUB.—The longest of all the varieties; long, large, club shaped. Pkt., 5 cts.

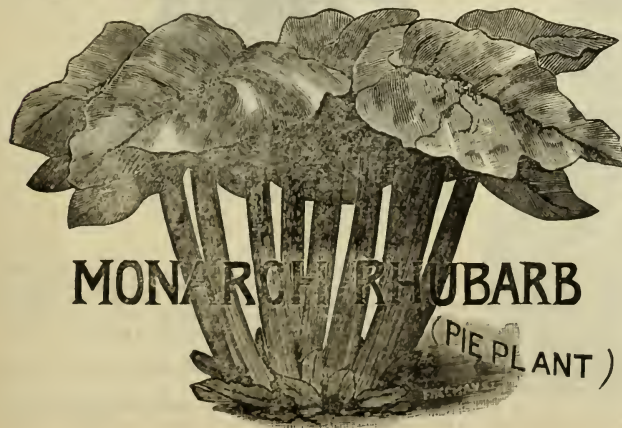
DISHCLOTH GOURD.—Natural dishrag, such as we see for sale at druggists. Pkt., 5 cts.

SIPHO OR DIPPER.—Long slim handles, useful for dippers. Pkt., 5 cts.

ORNAMENTAL GOURDS.—A fine mixture of many curious and beautiful kinds. Pkt., 3 cts.

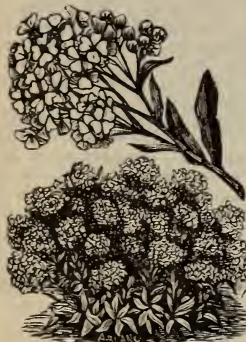
RHEUBARB.

MONARCH.—The largest, best and most distinct sort in cultivation. The stalks are very broad, thick, succulent and of superior flavor. The "Monarch" has been awarded first prize for several years at exhibitions of the Massachusetts Horticultural Society. On one occasion the 12 stalks shown weighed 28 pounds, leaves off. The average length of stalk is about 16 inches. Seed, pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., \$2.50, by mail.



ABUTILON.—Desired alike for flower and foliage. Summer and winter. **Pkt., 5 cts.**

AGERATUM.—Fine plants for masses in the garden or winter-blooming in the house. Dwarf and very free blooming. All shades of *blue, lavender and white*, mixed. **Pkt., 2 cts.**



ALYSSUM.

ALLYSSUM, Sweet.—This old favorite should be largely used in every garden. It is of easiest culture and its fragrant flowers are produced freely all summer. *White.* **Pkt., 2 cts.**

ALLYSSUM, Little Gem.—Improved very dwarf variety. **Pkt., 3 cts.**

AMARANTHUS.—Very showy rapid growing annuals with flower spikes of richly colored foliage. Grows in queer and unique shapes. Very effective. **Pkt., 3 cts.**

ANTIRRHINUM.—We have nothing more satisfactory for summer and fall flowers beds than these beautiful *Snapdragons*. Flower the first season from seed. **Pkt., 4 cts.**

ASPARAGUS Plumosa nana. See plants. **Pkt. 15 cts.**

ASTERS.—The kinds we now have are magnificent. Becoming rivals of the Chrysanthemums in beauty and in favor. For autumn display it has no equal among annual flowers. As it is essentially a fall flower, it does best late and the flowers are largest and most perfect when cool dewy autumn nights come. *Mixed.* **Pkt., 3 cts.**

GIANT COMET ASTER (New). A magnificent American grown late-blooming aster. Flowers exceedingly large, double white, about four inches and over in diameter, which are borne on long stems, making it especially desirable for cutting. The petals are broad, long, and many of them twisted and curled, giving the flower the appearance of a large chrysanthemum. The branching habit of the plant, and the season when it blooms (coming into flower after all varieties of asters are out of bloom, thereby lengthening the season of the aster until frost, when other flowers are scarce), make it very profitable for all growers of cut flowers, either for private or commercial use. **Per pkt., 10 cts.**

COMET ASTERS.—In mixed colors **Pkt., 5 cts.**

PERFECTION ASTERS.—These are magnificent, a great improvement over ordinary China Asters, the most perfect type of *Pæony*-flowered asters. Nothing is more satisfactory in the garden; they bloom early, and can be had in flower constantly by frequent sowings. Grow about 18 inches high, the flowers are very double, of fine form; petals beautifully incurved, and as round as a ball; they bloom very profusely, the plants being a mass of flowers which are borne on long stems, making a splendid flower for bouquets. The colors are very brilliant. **Pkt., 5.**

QUEEN OF THE MARKET ASTERS.—Another very desirable early-flowering variety in various colors. **Pkt., 5 cts.**

NEW JAPANESE ASTERS.—The largest of all Asters; flowers are often 5 to 6 inches across, like an immense Chrysanthemum, with very long petals. The colors are flesh and rose; scarce. **Pkt., 10 cts.; 3 for 25 cts.**



GIANT COMET ASTER.



ANTIRRHINUM.



ORNAMENTAL FOLIAGE BEETS.

open ground; will grow and succeed in any situation. **Mixed colors, 3 cts.**

CALCEOLARIA.

Plants of a highly decorative character, indispensable for the greenhouse and window. Our fine strains are remarkable for their large, magnificently marked flowers.

CALCEOLARIA HYBRIDA.—All the varieties in splendid mixture from the most celebrated European collection. **Pkt., 5 cts.**

CANARY BIRD FLOWER.

A very desirable climber, flowering freely. **Yellow fringed. Per Pkt., 5 cts.**

CANTERBURY BELLS.

Canterbury Bells are among the most attractive of border plants; they succeed in light, rich soil, and should be transplanted two feet apart. **Hardy: bloom the second season.**

FINEST MIXED. Per pkt., 5 cts.

COLEUS.

For bedding plants these are most fashionable, even more than geraniums. **Pkt., 5 cts.**

Ornamental Foliage Beets.

A most effective foliage plant. Its metallic, lustrous, and glistening leaves equal any of the most expensive exotics and conservatory plants; natives of Chili and Brazil from the foot of the Andes. The leaves are over *three feet in length and one foot in width*, having a glistening, varnished-like surface not equaled in any other ornamental plant, with intense scarlet, crimson and golden mid-rib, surrounded on each side with the most exquisitely shading and variegation. Frost does not kill them but colors their leaves brighter. Start the seed in pots or boxes (also outside) and you will have an elegant display early and until covered with snow. For ease of culture and startling effect they are not equaled by any other plant. Large packet, all colors mixed, **5 cts.; oz., 20 cts.**

CANNA.

Very stately and handsome foliage plants, growing from 4 to 8 feet high. Highly ornamental on the lawn or for the centre of large circular beds. Soak the seed in hot water before planting.

SPLENDID MIXTURE.—Many distinct varieties. **5 cts.; ½ oz., 15 cts.**

BALSAM.

Double Camellia Flowered. A splendid strain of large perfectly double Balsams, a great improvement on the old favorite *Lady Slippers*. Endless variety of colors. **Pkt., 2 cts.**

BEGONIAS.

Flowers 4 inches across, **Crimson, Yellow, White, Pink and Blotched.** Bloom in pots in the house summer and winter; outside are smothered with bloom all summer.

SEED.—Tuberous Rooted, Single Mixed—Pkt., 10 cts. **Begonias Double**—Pkt. 15 cts. **Begonia Vernon**—New; blooms easy and free. **Pkt., 5 cts.**

CALENDULA.

Double Pot Marigold.—Flowers of the true variety; are as double as Asters, with numerous small petals, marked with two shades of yellow. **Pkt. 3 cts.**

COREOPSIS.

This plant is very bushy and compact, reaching a height of two feet, and covered from July to October with hundreds of beautiful blossoms. It forms a very striking effect when grown in rows or masses. It can be sown very early in the



COLEUS.

DESIGNED
BY
A. BLANC

CHRYSANTHEMUMS.



THESE MAKE A GORGEOUS DISPLAY IN THE FLOWER GARDEN, OR GROWN IN POTS.

SINGLE ANNUAL VARIETIES.

Thrifty summer blooming plants, producing quantities of large flowers, these single sorts being particularly attractive. Colors crim-

son, gold, maroon, white, etc., making a brilliant display. 12 to 18 inches high. 3 cts. per pkt., mixed colors.

CHRYSANTHEMUMS.

PERENNIAL.

These are very easily raised from seed, and those who raise them will undoubtedly procure some very choice new varieties, as the seed we offer has been very carefully raised from the very finest and newest varieties now in cultivation.

JAPANESE AND CHINESE VARIETIES, Mixed.—Per pkt. 10 cents.

MARGUERITE CARNATION.



“Marguerite” Carnations.

A magnificent new class of Carnations that are without exception the most abundant bloomers of all the “Pinks.” The flowers are of brilliant colors, ranging through many beautiful shades of reds, pinks, white, variegated, etc.; they are of perfect form and large size, and what is of special value, the calyx never bursts. *They bloom in about four months after sowing the seeds;* those sown in spring commence flowering in early summer, and continue to bloom in lavish profusion until checked by frost. They can be potted and taken in the house and will flower abundantly throughout the winter, though, if intended specially for winter flowering, it will be better to sow later in the season. Per pkt. 5 cts.



CASTOR OIL BEAN.

One of the finest things for tropical effect either in masses or as individual specimens on the lawn or garden. They grow from 6 to 8 feet high with large Palm-like leaves of a bronzy-maroon color and red veins. Perfectly gorgeous in the sunlight, the foliage glistening as if varnished. Pkt. 5 cts.

CANDYTUFT.

One of the most useful annuals; very effective in beds, groups, borders, etc.; of the easiest culture, and can be had in bloom the whole season by successive sowings; white, purple, crimson, etc. Fine mixed, all colors, 3 cts. per pkt.

CELOSIA.

(Cockscomb.)

One of the most beautiful flowers that can be grown in the open ground. They are not difficult to grow, as is usually supposed. Pkt. 3 cts.

COBÆA SCANDENS.

One of the finest summer climbers; flowers large, pendulous, bell-shaped; would recommend it to any wishing a perfect climber of rapid growth for summer decoration; entirely free from insects; requires to be sown early in hotbed or window box. Per pkt. 5 cts.

CROTALARIA RETUSA.

DWARF YELLOW PEA, GOLDEN YELLOW SWEET PEA, DWARF GOLDEN SWEET PEA, and other names, are given to this very beautiful yellow-flowering plant. Dwarf, flowers produced in dense clusters, are certainly like sweet peas in form, and of a brilliant golden yellow, more vividly set off with a blotch of maroon on the wing, but the odor of the sweet pea is not apparent. It is a most delightful plant, belonging to the pea family, blooming early and long like them, and in the utmost profusion. A field of plants is a perfect sheet of gold. A bunch of these flowers placed in water or mingled with sweet peas form a rich effect and being very long lasting. As a pot plant, nothing could be more beautiful, and being an annual it commences to bloom very soon. Pkt. 5 cts.

NEW CENTAUREA MARGUERITE.—This is one of the choicest new flowers of the season. The plants grow about one foot high and begin blooming in July from seed sown in open ground. The flowers are the size of medium Carnations; pure white and very fragrant; fine for cutting. They bloom so quickly, and are so handsome and satisfactory that all should try them.

Pkt. 5 cts.

CENTAUREA GYMNOCARPA ("Dusty Miller").—Finely divided, fern-like, silvery-gray foliage; attains a diameter of two feet, the principal variety grown; should be sown early. Per pkt. 5 cents.



CROTALARIA RETUSA.



Centaurea Marguerite.



CINERARIA GRANDIFLORA.

CYCLAMEN GIGANTEUM.—A new large flowering form of Cyclamen, which is very scarce and exceedingly valuable. The flowers of this magnificent Cyclamen are of extraordinary size and of the most brilliant color. Cyclamens are among the most beautiful winter and spring flowering bulbs for window and greenhouse. The flowers are not only of striking beauty, but the foliage is also highly ornamental. Pkt. 10 cts.

CYCLAMEN PERSICUM.

Pkt. 5 cts.

CYCLANTHERA.—A free-growing climber with handsome foliage and pretty olive-shaped fruit, exploding when ripe. Annual pkt. 5 cts.

CINERARIA GRANDIFLORA.—A gem for the conservatory and very salable plant. Commences to bloom early and continues all winter covered with large beautiful flowers, 2 inches across. Leaves are also very beautiful. In great demand for house and church decoration and exhibitions. Pkt. 10 cts. mixed colors. Florists pkt. 25 cts.

CYANUS.—Better known as Bachelor's Buttons and Corn-Flower. A very ornamental and easily cultivated flower; exceedingly beautiful in mixed borders and much prized for bouquets; blooms all summer; flowers blue, purple, etc. Per pkt. 5 cts.

NEW DARK BLUE CORN-FLOWER. "Centaurea Cyanus 'Emperor William.'"—A dark variety that is very popular for cut flower growing, as it is the most popular color in this favorite flower. Color intense dark blue. Per pkt. 5 cts.

CYPRESS VINE.—One of the most beautiful climbers, with light, graceful, delicate foliage, and bright flowers. The seeds should be soaked in warm water before sowing. Plant May 15.

CYPRESS VINE SCARLET.—Per pkt. 3 cts.

WHITE.—Per pkt. 3 cts.



GIANT FANCY COSMOS

Cosmos have become the most popular fall flower, save only the chrysanthemum. We now offer a new giant flowered strain of marvelous size and beauty. The individual flowers measure 4, 5 and even 6 inches across, and as they are borne on long, graceful stems the effect is most charming. The colors are also greatly improved, delicate shades of blush, pink, rich crimson, snow white, striped, etc., contrasting elegantly. Some are star-shaped, in others the petals are pinked, toothed or fringed, and in many beautifully overlapping. **Mixed colors, pkt., 5 cents.**

NEW CELOSIA "OSTRICH FEATHER."

This new feathered Celosia has very large crimson and orange plumes, exquisitely curved and curled. Grows about 3 feet high, is of handsome form, and the numerous massive plumes waving gracefully above the foliage, make it a most effective ornamental plant for either pot or outdoor culture. Of easy cultivation—same treatment as Cockscomb. **Pkt., 5 cents.**

PHYSALIS FRANCHETI (Chinese Lantern Plant.)

This is a mammoth form of the winter cherry, just introduced from Japan and exhibited in England, where it obtained a first-

class certificate the first year. It produces an immense number of large fruit, the size of a plum, encased in balloon-shaped calyxes, like miniature Chinese lanterns, and of brilliant orange-red color. The fruit of Physalis keeps for months in the winter, and stems loaded with them make fine Christmas decorations, and is also good for preserves, pies, confections, etc.; distinct. **Plants, 10 cents; seed, 5 cents.**



NEW CELOSIA "OSTRICH FEATHER."



PHYSALIS FRANCHETI.



DOUBLE DAHLIAS.

DOUBLE DAHLIAS.

It is now well known that the finest dahlias are grown from seed sown in the spring, and give as good as or better satisfaction than those grown from roots. Our seed is saved from the finest double named varieties, and will give a great variety of handsome colors and a large proportion of large, perfectly shaped double flowers, often equal to the named kinds. Seed started in the house and set out the last of May will be in bloom as soon as plants from roots, and will produce as many fine flowers. Our seed is extensively planted and gives excellent satisfaction. **Finest Double Mixed, pkt., 5 cents.**

SINGLE DAHLIAS. Pkt., 3 cents.

DELPHINIUM FORMOSUM.

An improved variety of old-fashioned larkspur. It is the grandest hardy blue summer-flowering plant there is. It begins to bloom early in spring and continuously all summer; a beautiful showy plant; blooms second year from seed. **Per pkt., 3 cents.**

DOLICHOS.

(Hyacinth Bean.)

A climber, growing about 10 feet high, flowering in clusters. The seed pods are also highly ornamental. **Per pkt., 5 cents.**

EUPHORBIA VARIEGATA. (Snow on the Mountain.)

A showy border plant, with foliage veined and margined with white; very attractive. **Per pkt., 5 cents.**

EUPHORBIA HETEROPHYLLA.

(Mexican Fire Plant, or Fire on the Mountain.)

Makes fine, bushy plants, two or three feet high; leaves are at first entirely green, but change about midsummer to brilliant carmine, orange and crimson, presenting a mass of gorgeous colors which are very beautiful and always attract wonder and admiration. **Per pkt., 6 cents.**

CHINESE AND JAPANESE PINKS.

These beautiful Chinese and Japanese Pinks are among our prettiest flowers for bedding; they grow easily and bloom profusely the whole season. Some are double and others single, with beautiful fringed petals. The colors are very bright and handsome, ranging from pure white to deepest crimson, in endless combinations and markings; many have the delightful clove fragrance so much prized, and all are greatly admired for cutting and bouquets. The seed I offer is a special selection of the most beautiful varieties, and I am sure will give the greatest satisfaction. **Per pkt., 3 cents.**



CHINESE AND JAPANESE PINKS.

SWEET PEAS

are not half appreciated, and people are just beginning to realize their great beauty and value as a cut flower, consequently the demand is yearly increasing, and greater efforts are being made to originate new varieties. Cut the blooms off by the handful as fast as they develop, the plants will then bloom all summer,

whereas, if allowed to go to seed, they stop blooming; so cut the flowers all you can. It is not generally known that the flowers will last, when cut, a long time in water. The waxy flowers and foliage make a lovely contrast, and the perfume is deliciously delicate. Plant early and deep. A trench 6 inches deep, with well rotted manure or phosphates, covered with soil about 1 inch, making the seed 5 inches deep. You should try some of the new varieties recently introduced.

is best.

Cupid.—This extraordinary New Dwarf Sweet Pea has been universally admired, and has received more flattering testimonials wherever exhibited, than any other sort heretofore introduced. It is of dwarf habit, growing only 5 inches in height, showing no tendency to climb, and spreading out so as to completely fill a 12-inch pot; the flower stems growing about four inches in length, each stem having 2 to 3 flowers, both opening at same time; flowers pure white, the plant completely covered with dowering shoots. It is an exceptionally free bloomer, beginning to flower in May and continuing until October, making desirable for borders, bedding in masses and for cut flowers. **Per pkt., 5 cents; per oz., 20 cents.**

Extra Early Blanche Ferry.—A superb variety, both for forcing under glass or planting in the open ground for cut flowers; is of dwarf habit, and fairly covered with large pink and white flowers. Blooms two weeks earlier than any other sort; flowers are larger and finer than Blanche Ferry, which variety has been so popular until the introduction of this sort. **Per pkt., 5 cents; per oz., 15 cents.**

Katharine Tracy.—It is considered by all who have seen it to be the best pink; is of American origin, and stands the hot sun better than any other pink variety. The flowers are very large, of good substance, and are borne on exceedingly long stems, making this sort especially desirable for bouquets, etc. **Per pkt., 5 cents; per oz., 15 cents.**

One pkt. each of the 3 New Sweet Peas for 12 cents.
Alba Magnifica, pure white.
Apple Blossom, pink blush.
Blanche Ferry, pink and white.
Butterfly, French gray.
Cardinal, scarlet-crimson.
Countess Radnor, lavender.
Delight, white, crimson crest.
Emily Henderson, ivory white.

Fairy Queen, pink and white.

Indigo King, maroon, indigo.

Indigo Prince, indigo-blue.

Isa Eckford, creamy white

and rosy pink.

Lottie Eckford, rose and white

Princess of Wales, lavender

and white.

Splendor, coppery, rich crimson.

Queen of the Isle, white and red striped.
All the above 16 named kinds, 4 cents pkt.; oz., 8 cents. Any 4 pkt. for 10 cents.
Superfine Mixture, pkt., 3 cents; oz., 5 cents; lb., 30 cents.

Grand New Japanese Morning Glories.

We ask special attention to our grand New Japanese Morning Glories; they are the most remarkable novelty of the year. The flowers are very large, often measuring five or six inches in diameter and of most curious and remarkable variegated colors—some are elegantly banded and striped, others spotted, marbled and variegated in wonderful combinations, some have finely ruffled and crimped edges, others elegantly scalloped borders of contrasting colors, with throats of exquisite rainbow tints. The colors include finest shades of red, bronze, crimson and maroon, all shades of blue from delicate azure to deepest indigo and royal purple, also snow-white, cream and gray. The leaves, too, are of different shapes and colors, some being elegantly mottled and variegated, white, yellow and green. They like rich ground, with plenty of moisture and sunshine, but grow nicely everywhere, and bloom profusely all through the season. They make elegant screens for porches, fences, trellises, etc., and a bed of them will be a constant surprise and delight the whole season, as new colors and markings may be expected nearly every day. Sold at the reduced price of 5 cents per packet.

MORNING GLORY.

CONVOLVULUS MAJOR.— Handsome, showy climbers, useful for covering any trellis-work quickly. Pkt. 2 cts., oz. 10 cts.

DWARF MORNING GLORY.

CONVOLVULUS MINOR.— Remarkably showy plants, with exceedingly handsome rich-colored flowers, producing in beds and mixed borders an unusually brilliant effect. Largely used and well suited for bedding, hanging baskets and winter blooming; grow one foot high; flowers close up in the afternoon like Portulaca. Pkt. 2 cts.

NEW IPOMEA NORTHERN LIGHT.

This is a beautiful new Ipomea, bearing thousands of lovely pink lavender-colored flowers, over two inches in diameter. It blooms early and abundantly, the foliage is large and handsome; the seed germinates quickly, and the plants grow vigorously from the start; makes elegant screens, and will cover more space in less time than any other plant we know of. Pkt. 8 cts.

NEW CROSS-BRED HYBRID MOON-FLOWER THE KIND THAT BLOOMS.



MOON FLOWER.

A vigorous, quick-growing climbing vine, with dark-green leaves of three different shapes, blooms a month earlier than other kinds and bears an abundance of large, lovely pure white flowers which are very fragrant and open in the evening; always much admired and useful for covering porches, arbors, etc. Pkt. 5 cts.

JAPANESE IPOMEA.

MACHET MIGNONETTE.

There is no Mignonette which can equal this. Its flowers are larger in every way than those of other sorts, the spikes are very dense, its foliage is distinct, being crinkly, while its odor is strong and most delicious. The plants grow in handsome bush form, and the flower spikes are borne on stiff, wiry stems. It is the **Best Mignonette** for all purposes, either in pots or for the garden. It is an **Everbloomer**, the flowers lasting until late in the Fall. This strain is grown with the most scrupulous care and it gives entire satisfaction. Do not fail to get **Machet** for sowing in your garden, and another package to sow in pots in June or July to bloom next winter.

LARGE FLOWERING PYRAMIDAL.

Flowers very sweet, stems large and stiff. The best for cut flowers. P'





NASTURTIIUM, FINEST DWARF MIXTURE.

CANARY BIRD FLOWER.

This handsome climber belongs to the Nasturtium family and is one of the most beautiful of its class. The vines grow to a height of 20 feet and are thickly covered with flowers, which are of clear golden yellow. Pkt., 5 cts.; oz., 20 cts.

PANSIES.

The old Heartsease is hardly recognizable in the greatly improved

NEW STRAINS OF PANSIES.

GIANT BUGNOT.—Its flowers are of enormous size and the most circular form: the petals are of great substance and velvety appearance, each one bearing a large, deeply colored blotch that runs out in delicate veins to the edge; the shading comprise tints of red, bronze and brown not found in any other mixture. Pkt., 15 cts.

GIANT TRIMARDEAU.—These remarkably large French Pansies for size of flower and robust growth eclipse by all odds any known strain. They get such a start in the spring that the hot summer weather seems to have no effect on them, even when other Pansies have almost dwindled away. Mixed colors in great variety, pkt., 10 cts.

GERMAN PANSIES in fine mixture, pkt., 5 cts.

RED MIXTURE. Composed of all the best and most decided shades of red and bronze. Pkt., 5 cts.

BLUE MIXTURE containing Emperor William and other fine sorts, Pkt., 5 cts.

YELLOW MIXTURE. Pkt., 5 cts.

WHITE MIXTURE. Pkt., 5 cts.

PURPLE MIXTURE Pkt., 5 cts.

ROYAL PANSIES.—A mixture of the above kinds and other choice varieties. Pkt., 5 cts.

ORIST'S EXTRA LARGE PACKET, 10 times as large. 25 cts.

NASTURTIIUM.

The dwarf improved varieties of Nasturtium are among the most beautiful of garden favorites for bedding or massing; their close, compact growth, rich colored flowers, and the freedom with which they bloom, all combine to place them in a leading position among first class bedding plants.

EMPRESS OF INDIA.—The most brilliant Nasturtium in cultivation. Plant dwarf, compact, with dark-tinted foliage and flowers of a deep brilliant crimson. Per pkt., 5 cts.; oz., 20 cts.

PEARL.—Creamy white.

SPOTTED KING.—Yellow, spotted chocolate.

LADY BIRD.—Rich golden yellow, each petal having a broad bar or vein starting from the base, of bright ruby crimson.

The above named kinds, 5 cts. per pkt.; 20 cts. oz.; \$2.00 per lb.

FINEST DWARF MIXED.—All kinds. Per pkt., 5 cts.; per oz., 15 cts.; per ¼ lb., 35 cts.; lb., \$1.20.

FINEST TALL MIXED.—All kinds. Per pkt., 3 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., \$1.00.

LOBB'S CLIMBING NASTURTIIUM.

"TROPÆOLIUM LOBBIANUM,"—These differ from the ordinary tall Nasturtium, the leaves being smaller. They flower in great profusion and are splendid for training on arbors, vases and rockwork; and also for winter decoration in the greenhouse and conservatory, as they are always in bloom and are elegant and showy. Pkt., 5 cts.; oz., 15 cts.; lb., \$1.25.



GIANT TRIMARDEAU PANSY.



DIGITALIS.



GLOBE AMARANTH.

DIGITALIS.

"Foxgloves" or "Witches' Fingers;" ornamental hardy border plants, having long spikes of showy flowers. Pkt., 3 cts.



DOUBLE HOLLYHOCKS.

GLOBE AMARANTH.

Gomphrena; often called English Clover, and Bachelor's Button; fine for winter bouquets of dried flowers; useful in mixed flower beds, as they bloom all summer.

Finest Mixed, per pkt., 5 cts.

GLOXINIA HYBRIDA GRANDIFLORA.

An elegant summer-blooming bulb for indoor decoration during the summer months. They are of unrivaled beauty; the soft, velvety leaves being surmounted with a cluster of large, lovely, trumpet-shaped flowers of exquisite coloring. The groundwork of many is pure white, with throat of blue, scarlet, rose and crimson, or the tubes are of bright colors with white throats. They bloom until late in the summer. The bulbs can be kept during the winter the same as tuberous rooted begonias or caladium bulbs. Pkt., 10 cts. Bulbs, 5 cts. each.

DOUBLE GAILLARDIA.

Showy and universally admired perennials, flowering the first year, and among the gayest ornaments of summer-flowering beds. Pkt., 3 cts.

HELIOTROPE.

Deliciously fragrant flowering plants; great favorites for pot culture in the winter or bedding out in summer; large umbels of purple, lilac or white flowers are continuously borne.

FINEST MIXED, per pkt., 5 cts.

Helichrysum.

Showy summer blooming plants; flowers large, full and double; in shades of white, yellow, crimson, etc.; valuable as an "Everlasting" for winter bouquets.

LARGE FLOWERING DOUBLE MIXED.—Pkt., 5 cts.

HOLLYHOCK.

One of our grandest summer and autumn flowering plants, bearing long spikes of double flowers, 3 to 4 inches. 5 to 8 feet across. This seed has been saved from choicest improved double



GLOXINIA.



NEW HELIOTROPE.

varieties, and will come large percentage of double flowers. Pkt., 3 cents.



FORGET-ME-NOT.

MYOSOTIS.

The Spring-Flowering Forget-Me-Not. Good for forcing in winter. With a thin protection of manure it stands our winters first-rate. **Pkt., 5 cents.**



GODETIA.



HUMULUS JAPONICUS.

GODETIA.
Pretty hardy annuals that grow any where,

and bloom abundantly all season, admired for their fine large blossoms, deep rose color, pink snow-white, bright crimson and purple. **Pkt., 3 cents.**

MARVEL OF PERU.—"Four O'Clocks."—Old-fashioned, but none the less beautiful on that account. The flowers are funnel-shaped, white, red, and striped, very fragrant, and open about 4 o'clock in the afternoon (hence the name), remaining open all night, and generally perishing before noon the next day. The French call it *Belle de Nuit*, Beauty of Night. Two feet high. **Finest Mixed, Per pkt., 5c.**

HUMULUS.—*Humulus Japonicus.*—(Japan Hop.) Probably the most rapid climber grown. The foliage is luxuriant and beautifully variegated, and it is one of the best plants for covering verandas, trellises, etc. Heat, drought and insects do not trouble it. **Pkt., 5 cents.**



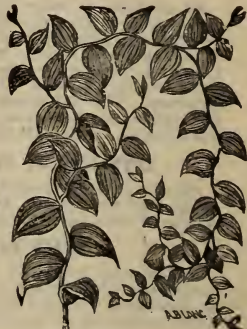
LAVENDER.



MARIGOLD.



MARVEL OF PERU.



SMILAX.

MARIGOLD.—Well-known, free-flowering plants, with handsome double flowers of rich and beautiful colors. The Dwarf French is used as a foreground to taller plants, and makes splendid compact edgings.

Dwarf French.—One foot. Per pkt., 5 cts. **Fall African Marigold.** **Pkt., 5 cents.**

SUNFLOWER, Helianthus Californicus.—Extra large and double; 5 feet. **Per pkt., 5 cents.**

Mammoth Russian.—Single, very large, sometimes growing 10 to 12 feet high. **Per pkt., 5 cents.**

Globosus Fistulosus.—The best of the sunflowers; very large and double; 6 feet. **Per pkt., 5 cents.**

SMILAX.—One of the most desirable window vines on account of its charming, glossy green, elegant and graceful foliage, and will grow several feet high the first season. Started in the spring it affords elegant trellis plants for the house in winter; also fine for hanging baskets. **Pkt., 5 cents.**

LAVENDER.—Chiefly cultivated on account of the delicious fragrance of their flowers and leaves; they succeed in any common soil: hardy perennial. Said to keep moths away.

Lavendula spica.—Lilac; two feet. **Per pkt., 5 cents.**

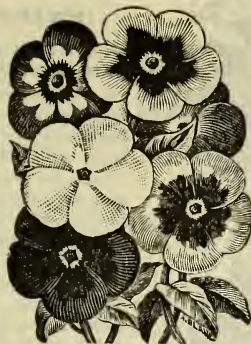
PERENNIAL PEAS.—"Lathyrus Latifolius."—Perennial peas are perfectly hardy in this climate; die down to the ground every winter and start again in the spring. Grow ten or more feet in height. The old favorite red variety. **Per pkt., 5 cents.**

Latifolius Albus.—Large clusters of pure white; grand. **Per pkt., 10 cents.**

Finest Mixed.—Per pkt., 5 cents.



IMPATIENS SULTANI.



PHLOX DRUMMONDI.



HARDY PERENNIAL PINKS.

IMPATIENS SULTANI. This is a lovely plant, either for house culture or open ground, nearly always loaded with its brilliant, rosy crimson flowers; very showy

and beautiful; grows easily, and is one of the prettiest plants we have. **Pkt., 5 cents.**

LOBELIA. A dwarf plant with delicate graceful foliage and pretty fine flowers. Of value chiefly for hanging baskets and border work. **Pkt., 5 cents.**

"JERUSALEM CHERRY." Miniature orange tree, covered all winter with a profusion of scarlet fruit. A very interesting plant for the decoration of the greenhouse or sitting-room. **Per pkt., 5 cents.**

PHLOX DRUMMONDI. For beds and massing nothing can surpass these beautiful annuals. They produce immense trusses of large brilliant flowers of numberless hues throughout the summer.

LARGE FLOWERING PHLOX. A great improvement on the ordinary Drummondii. Flowers twice as large and most brilliant in colors. Grows 1½ feet high. **Pkt., 5 cents.**

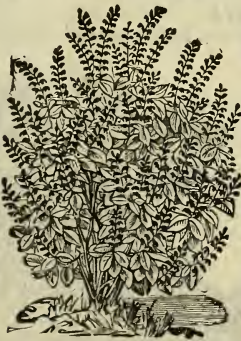
PHLOX, STAR OF QUEDLINBURG. A very odd, pretty variety, with petals projecting in five points like stars. **Pkt., 5 cents.**

HARDY PERENNIAL PINKS. These make fine clumps for permanent beds. Very hardy.

LARGE PHEASANT'S EYE. Fragrant, fringed, double white, crimson and variegated. **Pkt., 5 cents.**



CARNATION POPPY.



SALVIA SPLENDENS.



SCABIOSA MAJOR.



SWEET WILLIAM.

CARNATION POPPY. A magnificent class; flowers as round as a ball, very double and with finely cut or fringed petals; the flowers remain a long time on the plants. (See cut.) **Per pkt., 2 cents.**

LARGE FLOWERING SCARLET SAGE (Salvia splendens). Highly valued as one of the very finest and most beautiful flowers of late summer and fall, surpasses everything else in brilliant color and continuous bloom, grows easily, and makes grand, stately plants, completely covered with intense bright scarlet flowers—a dazzling mass of color when other flowers are gone. **Pkt., 4 cents.**

SCABIOSA. The "Mourning Bride" of our old gardens, but much improved in size, colors and doubleness. They are very free bloomers, the colors white, carmine, lilac, maroon, etc., excellent for bouquets. **Pkt., 3 cents.**

SWEET WILLIAM. Hardy plants of extreme richness and variety of color, and also deliciously sweet scented; for clumps or borders no plant can surpass this old favorite, which is greatly improved now, both in size and colors. **Single Mixed Colors, pkt., 3 cents; Double Mixed Colors, pkt., 5 cents.**

Splendid Fringed Chinese Primrose.

(**PRIMULA SINENSIS FIMBRIATA.**)

PRIMULA SINENSIS FIMBRIATA (**Fringed Chinese Primrose**). Undoubtedly one of the most beautiful and satisfactory house plants; never attacked by insects, and will thrive in a window where there is but little sun and few other plants would grow; seed sown from April till July blooms freely the following winter. Cover the seed an eighth of an inch with fine, light, rich soil, keep moist, but not wet, and they will begin to grow in two or three weeks. They are so easily raised there is no reason why every flower lover should not have a magnificent display of these brightest and best of all winter flowers. The seed we offer is from the finest strains and best colors, including pure white, purple, rose, scarlet, striped and spotted, and the lovely blue primula. Splendid mixed, large flowering, all colors. **Pkt., 10 cents.**

THE EVERBLOOMING PRIMROSE, PRIMULA OBCONICA. This lovely primrose is one of the finest plants for pot culture ever introduced. Flowers are pure white, shading to lilac, and have the real primrose fragrance; they are borne in beautiful clusters on long stems, and in such constant profusion that plants have been known to bloom for twelve months at a stretch; grows very easily and will doubtless become a great favorite. **Pkt., 8 cents.**

PETUNIA.

A well-assorted bed of petunias is one of the showiest and most effective beds that can be planted. The brilliancy and duration of its blooming period, render it invaluable.

SINGLE FRINGED (GRANDIFLORA FIMBRIATA). A wonderful advance has been made in petunias within a few years—the markings, size, and colors of the flowers are remarkable, and they create a sensation wherever shown. The flowers are deeply fringed, and combine extreme elegance of form with great diversity of delicate and charming colors. Nothing is showier or more easily grown, and nothing gives such a constant display from very early until very late, as these petunias. Our illustration is greatly reduced, and but poorly shows the beautiful form of the flower of our improved varieties, but will serve to give some idea of their elegance, yet no engraving, no matter how aided by description in words, can convey any adequate idea of their marvelous beauty and rich and elegant colors. All colors, mixed, **5 cents per pkt.**

DOUBLE-FRINGED. This seed is of unsurpassed excellence, and has been fertilized with great care, and can be expected to produce 30 per cent. or 40 per cent. of charming double-fringed flowers. **Per pkt., 15 cents.**

PETUNIA HYBRIDA. A splendid strain, saved from the fine flowers, of most brilliant and distinct colors, including the beautiful striped and variegated kinds; excellent for beds and borders; unsurpassed in beauty. Finest mixed colors. **Pkt., 2 cents; 1/8 oz., 10 cts.; 1/4 oz., 20 cents.**



PETUNIA GRANDIFLORA FIMBRIATA.



PRIMULA SINENSIS FIMBRIATA.
(Fringed Chinese Primrose.)

PORTULACA.

For brilliancy, delicacy, diversity, and beauty of color the portulaca surpasses all other outdoor plants. It luxuriates in light soils and sunny situations, rapidly carpeting the ground with its flowers and foliage. For small beds, edgings, or rockwork, it is incomparably the finest annual grown.

PORTULACA, Single. Pkt., 3 cents.; 1/8 oz., 10 cents.

PORTULACA, Double.—This seed is carefully selected and a great proportion of double flowers can be expected. Pkt., 5 cents.

STOCKS.

The stocks have for many years been a general favorite, but of late years the Germans have grown them in such perfection that they are considered almost indispensable. The seed is grown with such great care that a very large proportion of double flowers are produced from the seed, and of great fragrance and beauty. Hardy annual; 1 foot high.

TEN WEEKS.—Very fragrant; large spikes of brilliant colors. Per pkt., 3 cents.

LARGE FLOWERED DWARF PYRAMIDAL.—The most popular stock in cultivation. Per pkt., 5 cents.

SNOWFLAKE.—Uncommonly large and very double, snow-white flowers; the glossy, dark green foliage renders the dazzling whiteness of the flowers more conspicuous. Per pkt., 5 cents.

MAMMOTH VERBENA.

Flowers of unusual size, single flowers sometimes being as large as a twenty-five cent piece, while the clusters of bloom are magnificent, and the range of color more vivid than in any other mixture. For garden beds or massing the verbenas is unrivaled; flowers of the most brilliant color, blooming continually from spring until late in the autumn. Although perennials, they bloom profusely the first season from seed.

LEMON VERBENA.—Well-known and highly prized for its delicious fragrance; grows easily from seed sown in open ground, and is excellent for pot culture. Pkt., 6 cts.

WHITE, SCARLET,

BLUE AND STRIPED. Each per pkt., 5 cents.

MIXED COLORS. Pkt., 3 cents.

MAMMOTH VERBENA.



LARGEST FLOWERING STOCKS.

ZINNIAS.

The flowers of zinnias are remarkably fine, perfect in form and varied in color. They range from pure white, through creams and buffs, to a clear chrome-yellow. Then, again, there is a series of tints ranging from the softest pinks to the deepest crimsons and fiery coppers and reds; and some are two-colored, owing to the florets being pale when first expanded, and afterwards changing to a deeper hue. Zinnias of all kinds are important in the garden, particularly in late summer and early autumn.

DOUBLE TOM THUMB ZINNIAS.—A compact Lilliputian-growing variety, not over 12 inches high, especially suited for edgings and small beds, with flowers resembling in size and color the pompon zinnias. Per pkt., 5 ct.

POMPON ZINNIAS.—The flowers of this beautiful class are but about half the size of the ordinary zinnia, are very double, and of the most perfect form and vivid colors. Per pkt., 3 cents.

ZEBRA DOUBLE-STRIPED ZINNIAS.—Very interesting and beautiful class. The seed we offer was saved from the most characteristic blooms, and will produce many very fine striped flowers. Per pkt., 5 cents.

MAMMOTH-FLOWERED ZINNIAS.—Growing 3 feet in height, with large, perfectly formed flowers, often 5 to 6 inches across, which are borne in uninterrupted succession the whole summer. Per pkt., 10 cents.

ZINNIA ELEGANS.—The flowers are large, beautifully formed and exceedingly handsome. Few plants in the flower border are more effective. Pkt., 10 cents.

Double Mixed, pkt. 3 cts.

One package of each of the 5 named kinds, and also 1 mixed, 6 pkts. for 25 cents.

Hardy Climbing Polyantha Rose, CRIMSON RAMBLER.

A Wonderful New Rose, the Most Remarkable Novelty in Hardy Roses that has been Introduced in Many, Many Years.

This rose has fulfilled every promise and exceeded every praise ever given it. 15 cts. each.



The New Climbing Rose, YELLOW RAMBLER (Aglaia).

The only hardy yellow climbing rose yet introduced. A worthy companion to the wonderful Crimson Rambler.

Aglaia or Yellow Rambler, the only Hardy Yellow Climbing Rose.—Seedling from Rosa Polyantha Sarmentosa, the parent of Crimson Rambler, crossed with Reve d'Or. This variety will be most popular since it is the first and only yellow climbing rose which has any appreciable degree of hardiness. Aglaia has withstood unprotected and without injury a continued temperature *ten degrees below zero*, and with slight protection it will do well anywhere that other roses succeed. A great acquisition to our northern gardens. The color is a clear decided yellow, changing when the flowers grow old, to a beautiful cream color. The blossoms are of moderate size, last three or four weeks and are frequently borne in clusters of from 120 to 150. 15 cts. each.

Euphrosyne or Pink Rambler.—A seedling from Rosa Polyantha Sarmentosa, crossed with Mignonette. Color, a clear light red, with numerous golden anthers. A very profuse bloomer and vigorous grower. Similar to Aglaia in nearly all respects save color. 15 cts. each.

Thalia, or White Rambler.—A seedling from Rosa Polyantha Sarmentosa, crossed with Paquerette. Pure white. In other characteristics very similar to Aglaia. 15 cts. each.

One each of the 4 Ramblers for 50 cents.

EMPRESS OF CHINA.

A new and very valuable perpetual blooming climber. This variety begins to flower the last of May, and blooms repeatedly until very late in the fall. In vigor of growth, it is unsurpassed. The flowers very delicate and waxy; somewhat fragrant, and are borne profusely. The bud is of especially pretty form—pointed, very shapely, and of just the right size for the buttonhole. The open flower is nearly double, and has much the appearance of a Tea Rose. The color is dark red in the bud, changing to a lighter red or pink, like an Apple Blossom, as the flower opens and grows older. 15 cts. each.

ROSA RUGOSA (Red and White).

[Extracts from Henderson's Handbook of Plants and General Horticulture.]

"**Rosa Rugosa**, a Japanese species, first sent to this country in 1855, is one of the handsomest hardy shrubs in cultivation. It forms a sturdy bush 4 to 5 feet high, covered with large, dark green, pinnate, glossy foliage, and producing terminal clusters of ten to twenty flowers, three inches in diameter, of a bright rosy crimson color and very fragrant. It continues to flower the whole summer, making a very attractive object. If it never produced a flower it would still be entitled to a prominent place on the lawn for the beauty of its foliage, which scarcely resembles that of the rose, but is very heavy, rich and shining, remaining on until late in autumn, and its large handsome scarlet fruit is most showy during the autumn months; grows easily from seed." Pkt., 10 cts.

Rosa Rugosa Alba. The white flowered variety described above.

Rosa Rugosa Rubra. The bright rosy crimson variety described above.



ROSA RUGOSA.

Any of these New Roses, 15 cts. each; 4 for 50 cts.; 9 for \$1.00; postpaid. Compare these prices.

LORD PENZANCE HYBRID SWEET BRIARS.

Splendid Novelties. Quite a New Feature in Roses.

Although only recently introduced they have already become quite popular. They are vast improvements on the old sweet briars, having all their good qualities and in addition, a large variety of colors from pure white to scarlet, etc. These are the **newest and best** sorts.

CATHERINE SEYTON. Soft, rosy pink; free and perpetual.

EDITH BELLENDEN. Pale rose; long and pendulous habit.

GREEN MANTLE.—Bright rich pink, with band of white.

JULIE MANNERING. Soft pearly pink; deliciously scented.

JEANNIE DEANS. Semi-double, scarlet-crimson, large.

LUCY BERTRAM. Fine deep crimson; rich.

MINNA. Large, pure white.

New Double and Single

HYBRID WICHURIANA or MEMORIAL ROSE.

These valuable hybrids of the well-known Wichurian Rose are novelties of sterling merit. Those who are familiar with the good qualities of the single white Rosa Wichuriana will be glad to obtain these beautiful hybrids of the Wichuriana Rose, which is of great value in ornamental gardening on account of its beautiful foliage. These new varieties will make this class of roses still more valuable, as three of them are double—the flowers of one being white, another rose color, another shell pink, while the single variety is a bright pink—the whole forming a most remarkable group of roses. The flowers are produced in the greatest profusion, and as the plants are extremely vigorous, a plant two or three years old will produce thousands of the most exquisite flowers, deliciously fragrant, and lasting a long time in perfection.

While the growth is creeping and indispensable



LORD PENZANCE HYBRID SWEET BRIARS.

for covering the ground in ornamental gardening, the plants are also adapted for training on the trunks of trees, pillars, posts, trellises, or any other purpose for which a climbing rose is desirable. The double varieties, on account of the freedom with which they bloom, will be valuable for cut flowers, and will also prove of exceptional value for pot plants for spring sale. It is thought that they will be as valuable for this purpose as the celebrated Crimson Rambler. We shall be very much disappointed if these new Hybrids do not obtain a commanding position among roses.

MANDA'S TRIUMPH. Produces large clusters of well-formed double flowers of pure white, two inches in diameter.

UNIVERSAL FAVORITE. Double flowers of a beautiful rose color, over two inches in diameter.

SOUTH ORANGE PERFECTION. Produces multitudes of the most perfectly formed double flowers about one and a half inches in diameter, soft blush pink at the tips, changing into white and lasting a long time in perfection.

PINK ROAMER. Single variety; flowers nearly two inches in diameter, bright, rich pink, with almost white center and orange-red stamens.

ROSA WICHURIANA. The Single White Memorial or Japan Trailing Rose.

NOTICE LOW PRICE.

15 cents each; any 4 for 50 cents, or 9 for \$1.00.



PINK ROAMER.



BEGONIAS, LARGE FLOWERING.



FANCY LEAVED BEGONIA.



HARDY BEGONIA EVANSIANA.

The following list of **NEW LARGE FLOWERING BEGONIAS** are among our most beautiful and satisfactory flowers for house culture and bedding. They grow nicely, make neat, handsome plants, bloom constantly and their pretty wax-like flowers and glossy bright colored leaves and stems are always greatly admired, offered at the remarkably low price of **10 cents each; \$1.00 per dozen by mail.**

Perfect Bouquet, President Carnot, Otto Hacker, Diadem, Dew Drop, Macbethli, Metallica, Thurstoni, Sandersoni, and many others. 10 cents each; 3 for 25 cents.

NEW PERPETUAL BLOOMING SWEET SCENTED BEGONIA, EVANSIANA. A fine hardy bedding variety; branches freely and throws up numerous flower stems; pretty pink flowers, delightfully sweet and borne in great profusion all through the season; lives out over winter. **10 cents each.**

ALAMANDA WILLIAMSII (New). Very distinct new pot plant. Unlike others of its class, this forms a compact bush of dark green foliage, with trusses of very large, golden yellow, deliciously scented flowers, 3 to 4 inches across, in greatest profusion. Blooms throughout the summer and in winter. Of easiest growth. Admired by all who see it. **15 cents each; 2 for 25 cents.**

BEGONIA REX (Fancy Leaved). The splendid plants are grown for their large, beautifully colored ornamental leaves which are of various rich shades wonderfully banded, and flaked with the most charming metallic effects, impossible to describe, and having rich crimson stems. They require a warm room in winter and a shady place with considerable moisture in summer. They are the finest foliage plants in cultivation, and wonderfully beautiful. Highly valued for house culture, conservatories, etc. We offer five of the most distinct and handsomely marked varieties of Rex Begonias, the cream of all, sure to please everyone: **Countess Erdody, Queen of Hanover, Bertha McGregor, Silver Queen and King of Rex. Price 15 cents each; 2 for 25 cents; set of 5 for 50 cents, postpaid.**

ABUTILON SOUVENIR DE BONN.—Bright green leaves, distinctly and broadly margined with white. Long-stemmed flowers, golden veined with scarlet, standing well out of the foliage. Blooms very freely all the year round. Makes fine specimens as pot plants or bedded out. A plant that will please you. We recommend it highly. **15 cents; 2 for 25 cents.**

ABUTILON SAVITSI. A grate improvement on Souv. de Bonn. The variegation is very much whiter, the white predominating—more than half of the leaf being white, and, in some cases, a great many leaves being almost pure white. The white is also very clear and pure, and not a yellowish green. It is a very compact grower, and one of the most beautiful variegated plants ever sent out. Very rare and scarce; a novelty of sterling merit; will please the most fastidious.

Price 25 cents each.



ABUTILON SOUVENIR DE BONN.



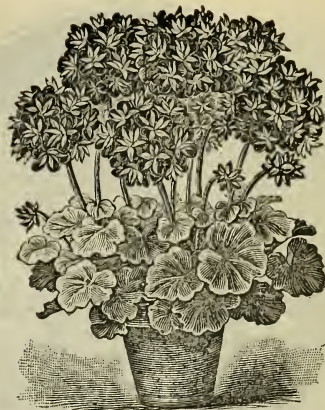
ALLAMANDA WILLIAMSII.



CARNATION FLOWERED GERANIUM,
PICOTEE.



GERANIUM, MRS. PARKER.



NEW GERANIUM.
(THE DOUBLE NEW LIFE.)

PICOTEE (New). Flowers quilled and scalloped like a carnation. White, with salmon-colored spots. You should have this in your collection. 15 cents.

DOUBLE NEW LIFE.—Our greatest novelty. The flowers are double, brilliant red, and in the center of each appears another semi-double white foret, could not supply the orders for this last year. 15 cents.

NEW DOUBLE FLOWERED SILVER-LEAVED GERANIUM, MRS. PARKER.—The only double flowering variety in the silver-leaved section. 15 cents each.

The above are 15 cents each. The set of 3 for 40 cents.

DOUBLE GERANIUMS.

Acteon (New). Color most brilliant scarlet.

Alfred Tennyson (New). Trusses and florets large, color clear orange, vigorous grower.

Black Knight. Deep scarlet, very dark, fine habit.

Beaute Poitevine. Brilliant salmon, large trusses.

Janus. Robust and free, currant-shaded magenta and orange.

La Favorite. Finest double white in cultivation.

SINGLE GERANIUMS.

The Wonder. Largest single dazzling scarlet Geranium ever introduced.

Marguerite de Layres. A most beautiful pure white zonal.

Madonna. Very large trusses of lovely pale pink flowers. One of the most pleasing varieties.

Souvenir de Mirande. Pure white, salmon and pink-rose.

Panache de Nancy. Salmon, striped pure white; splendid.

Mme. Salleroi. A picture of deep green and silvery white.

Double and Single, 10 cents each; 12 for \$1.00.

SWEET-SCENTED GERANIUMS.

Nutmeg. Small leaves, nutmeg perfumed.

Mrs. Taylor. Rose fragrance, large trusses of scarlet flowers.

Rose Variegated. Foliage green and white, tinged pink.

Skeleton Leaved. Finely cut leaves, rose fragrance.

Rose. The popular market variety.

10 cents each, 3 for 25 cents.

NEW IVY-LEAVED GERANIUMS.

Our collection embraces all the newest and best kinds, including **Eden Malchi**, **Camille Flammarion**, **Joan of Arc**, **Galilee Cuvier**, all bright colors; fine for vases, pots, hanging baskets. 10 cents each; 3 for 25 cents.

FINE PERPETUAL BLOOMING CARNATIONS.

These splendid Carnation Pinks are among the most beautiful and desirable flowers we have; they flower freely during the summer and fall in the garden, and if taken indoors, and kept in a cool, light room, will produce an abundance of lovely flowers all winter. The following are the finest varieties in cultivation:

Portia. Rich, glowing crimson, very bright; one of the handsomest and best varieties; large, bold flowers; very sweet. 10 cents each.

Helen Keller. Large white, beautifully pencilled with pink.

Uncle John. The largest pure white in existence.

10 cents each; the set of 6 for 50 cents; \$7.00 per 100 postpaid.



PORTIA.

Wm. Scott (New). The largest bright pink carnation grown.

Mme. Diaz Albertini (New). Light pink, deeply fringed.

Daybreak (New). Flesh-pink; most delicately colored.



JAPANESE CHRYSANTHEMUMS.

Crimson Clematis, Mme. Edouard Andre.

This fine Clematis was first exhibited at the World's Fair, Chicago, in the French Department. It attracted the attention of the trade, owing to the brilliancy of its flowers, which are of the most vivid crimson, extremely large in size, and produced in the greatest abundance, even on plants of smallest size. This color is unapproached by any other Clematis, and has won high praise for it here and abroad. It is a rapid grower, hardy, prolific and continuous bloomer.

NEW PINK CLEMATIS MME. LARON VELLARD. The nearest approach to pink in this class: large and very free bloomer and perfectly hardy.

DUCHESS OF EDINBURGH. The best of the double pure white, deliciously fragrant; highly praised.

JACKMANNI. Enormous flowers, violet purple; flowers 8-sepaled. You should have this in your collection.

HENRYIL. Creamy white, very fine; quite distinct.

PANICULATA. Dense clusters of pure white flowers, sweet-scented. Admired by all who see it. **Price 15 cents.**

Any of the above Clematises at 20 cents each; the set of 6 for \$1.00; 10 of our choice for \$1.50. Larger plants at double price, by express prepaid.

NEW JAPANESE CHRYSANTHEMUMS.

The Green Chrysanthemum. EMERALD GEM.

A direct importation from Japan. Said to come from the Imperial Gardens and to bear flowers 6 inches across, of a beautiful Nile green. This certainly will create a great sensation wherever exhibited. A vigorous grower and blooms freely. **15 cent.**

WILLIAM SIMPSON. Immense flowers, sometimes over 11 inches in diameter; very deep, round and full; deep, rich rosy-pink; claimed to be the very earliest large-flowering chrysanthemum to date; has taken highest premiums wherever exhibited, including three silver cups valued at \$175, offered at the Pennsylvania Horticultural Society's show at Philadelphia. **15 cents each.**

PHILADELPHIA. A magnificent new variety; enormous globular flowers, broad, incurved petals, rich, creamy white, shading to pale lemon; exceedingly beautiful; has won many valuable prizes at all the great shows in this country and Europe. **15 cent.**

The above three New Chrysanthemums mailed for 40 cents.

GOLDEN WEDDING. Grandest golden variety ever introduced.

WM. R. SMITH. Daybreak crimson, large and beautiful.

G. W. CHILDS. Color deep velvet crimson. Large flat flower.

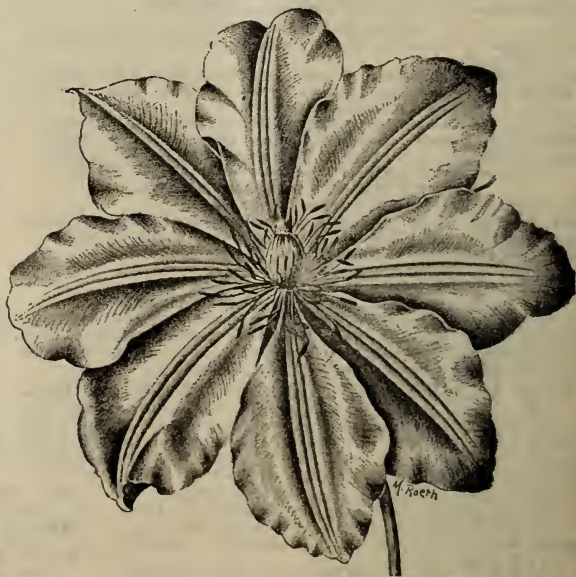
IVORY. A grand variety; ivory-white flower, of large size.

IMPROVED LEOPARD. Beautiful carmine purple, dotted white.

These and many other fine sorts, 10 cents each; 75 cents per dozen, postpaid.

LARGE FLOWERING HARDY CLEMATISES.

Our Clematises are grown by a specialist on their own roots and can be relied upon to live and flourish.



CLEMATIS MADAME EDOUARD ANDRE.

FINE BASKET AND VASE PLANTS.

We always have a nice assortment of basket and vase plants ready to send at any time. Price for a choice collection, our selection, 8 for 50 cts. 100 for \$5.00.

ASPARAGUS SPRENGERI.

(New.) Perhaps the best new plant introduced within ten years! Highly praised everywhere; handsomest seen drooping from a pot or basket. Sprays 4 to 5 feet long, of fresh green feathery foliage, useful for bouquets, wreaths or sprays; remaining perfect for weeks after cutting. Flowers white, followed by red berries. 10 cents.



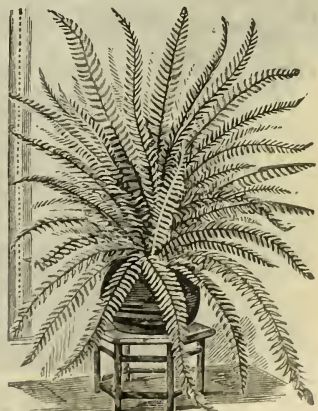
ASPARAGUS SPRENGERI.

Exaltata Bostoniensis.

This is the variety grown around Boston, which has been so popular, and for which there has been so much demand the past season. It has been commonly called the Boston Fern. Price, nice young plants, 10 cts. each. \$1.00 per doz. Strong plants 3½ inch pots, 30 cts. each.

Asparagus Plumosus Nanus

One of the finest decorative vines introduced recently; adapted to the same uses as Smilax, and as easily grown, and very much more beautiful on account of its light, feathery growth. It is always scarce, and sells for a very high price. Price 10 each, \$1.00 per doz.



THE BOSTON FERN.



LOTUS—CORAL GEM.

LOTUS—Coral Gem.

Nothing prettier under the sun for a hanging basket. Delicate silvery green feathery foliage, drooping in a most graceful manner, and, when in flower, a grand sight, the brilliant dazzling crimson buds resembling some quaint orchid. Pretty, whether in bloom or not. Price 15 cents.

NEW CAREX JAPONICA.

First-class novelty, and an excellent table decorative plant. The fine delicate leaves, edged as with a band of gold, are most gracefully recurved and perpetually in motion; hence, without the stiffness of so many other plants used as table ornaments. A gem for jardinières, basket and many other purposes. 15 cts. each.



NEW CAREX JAPONICA.



NEW WEEPING LANTANA.

Our illustration gives a good idea of this charming new Weeping Lantana. Highly recommended for baskets, vases, pots, window boxes and house culture generally; equally fine for pot culture in winter, and all kinds of outdoor planting in summer. It is a clean, handsome grower, producing a great abundance of leafy vines covered nearly all the time with pretty clusters of lovely pink flowers, hundreds of which are in full bloom at one time. It attracts the attention of all flower lovers as soon as seen, is entirely new, and a very charming plant for window and house culture. Price 10 cts. each, 3 for 25 cts.

SMILAX.

Invaluable on account of its beautiful foliage, which is indispensable in all cut flower work. One of the most beautiful of all vines. Price 10 cts. each, \$1.00 per doz., \$5.00 per 100.

HYDRANGEA PANICULATA GRANDIFLORA.

We believe this to be the most desirable hardy shrub in cultivation. Flowers white, borne in immense pyramidal trusses more than a foot long. It remains in flower two or three months; creates a great sensation wherever seen. It is sure to bloom finely the first season.

ALTHEA.—Variegated leaved; about half of each leaf bright green and clear white; flowers pink, bright and double.

CALYCANTHUS FLORIDA.—This is the well-known "sweet-scented" shrub. It bears in May a great profusion of double purple blossoms. Pincapple fragrance.

FORSYTHIA.—An old and valued shrub, growing 4 to 5 feet high. It is such a mass of brilliant yellow that it can be seen for a long distance, and lights up a lawn or yard as nothing else can.

DEUTZIA GRACILIS.—Very bushy and completely covered with pure white flowers.

MOCK ORANGE.—Syringa; fragrant white flowers closely resembling orange blossoms.

JAPAN SNOWBALL.—*VIBURNUM PLICATUM*. Fine, six to twelve inch plants, well rooted and healthy. The Japan is as much superior to the common snowball as a fine H. P. Rose is to a wild one, and we trust that the low price at which we offer this stock will lead to its becoming better known and more freely used.

HONEYSUCKLES.

GOLDEN JAPAN.—Leaves variegated, yellow and green; very ornamental.

MONTHLY FRAGRANT.—(Belgian or Dutch Honeysuckle). A variety of Woodbine; blooms all summer; flowers very fragrant; red outside, buff within; leaves tinged reddish color.

HALL'S JAPAN EVERGREEN.—Blooms constantly; flowers white, changing to yellow; very fragrant.

RED TRUMPET.—(*Sempervirens*). One of the handsomest varieties in cultivation; leaves, silvery-green; blooms all summer; not fragrant.

CARYOPERIS.—The Blue Spirea has created a sensation wherever grown. Beautiful lilac flowers until the month of December. This is *extra good*. 15 cents.



HYDRANGEA PANICULATA GRANDIFLORA.

SPIRÆA, VAN HOUTTEI.—The most showy of all the Spiræas and one of the very best flowering shrubs in cultivation. The plant is rather tall, upright grower, with long slender branches that droop gracefully with their weight of foliage and flowers.

THUNBERGI.—A lovely shrub, with pretty, dense fern-like leaves that in autumn take on the most glowing high colors. The bush is a sheet of white blossoms in early spring, and grows to a good size.

SPIRÆA ANTHONY WATERER is of Japanese origin, and, although just introduced, is already acknowledged as the ideal florist's plant. When scarcely three inches high, it begins to bloom, and thereafter is seldom out of flower. As a house plant, nothing can equal it. In the garden it will make a plant 3 feet high and wide, and will be covered with heads 1 foot across, of brilliant crimson flowers. It was introduced by Mr. Waterer, and was awarded several first class certificates. Mr. Golding, of the Royal Gardens, Kew, says of it: "It is one of those exceptional novelties that occurs only at rare intervals." Of easiest growth. Price, 15 cents.

WEIGELA ROSEA.—Fine large bell-shaped pink blossoms.

WEIGELA VARIEGATA.—There is no more desirable shrub than this. Leaves are finely variegated, white and green, and the flowers are borne in immense masses, bending the branches to the ground. Color, blush-pink. Superb.



ANTHONY WATERER.
THE CRIMSON SPIRÆA.

Any of the above, 15 cents each, 2 for 25 cents. 6 or more, your selection, 10 cents each.

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1893
A. GLANC



The Greatest Novelty in Fruit of the Century.

This berry is unlike any in previous existence—a hybrid between the raspberry and the blackberry. The fruit is as large as the largest blackberry, and is produced in immense clusters. The color is a clear dark red, pleasing to the eye. It partakes of the flavor of both the blackberry and the raspberry—a mild, pleasant, vinous flavor, delicious and peculiar to this berry alone. Excellent for all purposes. Seed small soft and few. Berries very firm and carry well. Vine or cane, strong grower, 10 feet and more in a season; enormous bearer. Fruit ripens early, just after strawberries, nearly all being gone before blackberries or raspberries become plentiful. Always sells at a high price. Never attacked by insects or disease.

Offered at the low price of 15 cents, 4 for 50 cents. Doz., \$1.25. Postpaid.

THE NEW BLACKBERRY RATHBUN

has already established a high reputation in the locality where it originated and has only to become generally known to supersede other varieties. It is decidedly superior in size, hardiness and quality. A quart box of Snyder and a quart box of Rathbun were each counted, and while it took 164 berries to fill the former, 45 berries of the Rathbun completely filled the quart. The Rathbun underwent a temperature of 20 degrees below zero, and produced a very good crop, while similarly situated plants of Erie and Minnewaski were badly frozen and unable to produce any fruit. The berries have very small seeds and no hard core, in fact no core is perceived in eating them—all is sweet, luscious and of a high flavor. The plant is a strong, erect grower, makes plenty of fruiting wood, and, although a true blackberry in all other respects, it propagates very freely from the tips of the shoots, like a dewberry or a black raspberry. We cannot too strongly recommend this valuable new variety. 20 cts.; 3 for 50 cts.; \$15.00 per 100, express prepaid.

Other Blackberries, such as

BANGOR.—Hardy, early productive, fine.

EARLY HARVEST.—Extremely early,

ERIE.—Large, rich and juicy. 10 cts. each; doz. \$1.00; 100, \$5.00, prepaid.



RATHBUN.

NEW DWARF JUNE BERRY.

The Juneberry is a fruit that has come to stay. We refer to the new dwarf variety recently introduced from Alaska. It is perfectly hardy, of quick growth, and forms dense clumps of bushes which seldom grow higher than a man's head. They bloom and bear fruit when but a foot in height. The berries are about the size of the ordinary cherry, dark purple, exceedingly sweet and delicate in taste. It is one of the finest fruits to eat raw that ever grew. After the berry is fully ripe it will keep on the bush in perfect condition for two weeks or more without decaying or dropping. Aside from its value as a fruit, it is one of the most showy flowering shrubs that can be had. It blooms very early in spring, before the leaves start, and so numerous are the flowers that the bush is clothed in bloom. 20 cts. each; 3 for 50 cts.



NEW DWARF JUNE BERRY

Japanese Wineberry.

This grand new fruit is the greatest novelty of the age, and universally conceded to be one of the most valuable introductions of the century. It belongs to the Raspberry family, is a strong, vigorous grower, attaining the usual height of a Raspberry, and is perfectly hardy in all situations, needing no protection. The fruit is borne in large clusters, often 75 to 100 berries in a bunch. The flavor of the fruit is entirely different from any other berry, being very sprightly, sweet and juicy. It retains its fresh, sprightly flavor after being cooked and for cooking in any form there is nothing which can compare with it. Fruit ripens in July and continues in bearing for a long time; very prolific.

PRICE—First-class, vigorous plants, for fruiting first year, by mail, postpaid, 10c. each; 4 for 30c; 16 for \$1. Two-year old plants, 15c. each; 15 for \$1; 100 by express \$5.

SEED—The Wineberry grows freely from seed and produces strong, vigorous plants, which fruit abundantly the second year. To get seed to germinate freely, allow the soil in which it is sown to freeze. Fall is the best time to sow seed; pkt. 5c.

Japanese Golden Mayberry.

A Raspberry which ripens its fruit before Strawberries. The earliest Raspberry known. The berries are of a golden straw color; 20c. each; 3 for 50c.

The Strawberry Raspberry.

This fine and novel fruit, introduced by us, is a beautiful dwarf Raspberry, growing only 15 to 18 inches high. Fruits early; pot plants, 20c. each.

Lucretia Dewberry.

An immense sort, sweet and juicy, berries borne in clusters; 8c. each; 10 for 50c; 25 for \$1.

Buffalo Berry.

Perhaps more ornamental than useful, in sections where fruit is scarce it is highly prized. Valuable as a winter fruit, as the berries remain upon the bushes until early spring, and can be picked at any time all winter. Before severe freezing the fruit is exceedingly sour, but after first frost the flavor is much richer and sweeter. Berries are a bright scarlet and in size somewhat larger than a large Currant. Fine for jellies, sauce or pies. It should have a place in every collection; 20c. each; 3 for 50c.

The Otaheite Orange.

This wonderful Orange is a regular little dwarf, growing no larger than a good specimen geranium and equally as easy to manage. Incredible as it may seem it has produced flowers and ripened its fruit perfectly in a two inch pot. Its beautiful blossoms are produced in the greatest abundance, are as fine and large as other Orange flowers and possess the same delicious fragrance. The fruits are about half the size of ordinary oranges with a flavor resembling the Mandarin. Fine mailing plants, large enough to bloom, 20c. each; 3 for 50c.



JAPANESE WINEBERRY.

The Dwarf Rocky Mountain Cherry.

One of the most productive fruits grown, 15 to 20 quarts of fruit being picked from a three-year-old bush. The fruit when ripe is jet black and in size somewhat larger than the English Morello. In flavor it is much like sweet cherries. It is ornamental in both flower and fruit. It bears every year and has never been affected by insects or disease. It grows to a height of four feet and will grow in a little space where there would not be room to plant a large tree; price, 20c. each; 3 for 50c.

AMARYLLIS.

No bulb is easier to manage; pot them when received; they will soon begin to grow and bloom; allow them to perfect growth, in pots or in the garden, then let the foliage dry off; keep the bulbs in their pots in dry cellar; bring up again in early spring. The following are the finest. Note reduced prices.

EQUESTRE.—(Regina-Queen Lily).—Broad petals of a soft salmon-scarlet color, throat snow-white. We recommend this as one of the best; don't fail to include at least a few of them in your order. 10 cts.

FORMOSISSIMA—The flowers are of a deep, rich, velvety crimson, very brilliant. Grows well in pots or in the open ground and blooms very soon after planting usually before the leaves start. 10 cts.

JOHNSONII—Flowers are large, crimson, striped with white; most freely produced. This is a very popular variety. 25 cts., 3 for 60.

BELLADONNA.—A noble flower from the Cape of Good Hope; perfectly hardy south of Washington, and even further north if planted a foot deep and covered. The flowers appear in the fall, and are of the most beautiful satiny rose imaginable, and of exquisite fragrance. They are produced in umbels of six to twelve flowers in a cluster. Large bulbs, of blooming size, 25 cts., small bulbs, 10 cts.



HYACINTHUS CANDICANS.

HYACINTHUS CANDICANS.

It can be used with excellent effect in the centre of a bed of scarlet Gladioli, as it comes into bloom about the same time. The flowers are bell-shaped and pendulous, pure white in color, and somewhat fragrant. The plant is hardy and grows stronger each year. Very useful along fences and walls. Each, 10 cts.; 3 for 20 cts.; per doz., 75 cts.

LILY OF THE VALLEY

For Winter or Spring.

Blooming.

It succeeds outside in almost any situation, but prefers one with shade and plenty of moisture. When once planted and established, the crowns increase in number and the larger ones flower each year without any attention. These dormant roots can be potted at any time; put six pips in a four inch pot, place in a cool situation until wanted for blooming, then bring them out to the light and warmth and give plenty of water.

Pure White.—Each, 4c.; 3 for 10c.; doz., 30c.; per 100, \$2.00; postpaid.





AMERICAN, JAPANESE AND HIMALAYAN LILIES.

- LILium AURATUM** (Golden Banded Lily).—Enormous flowers, often one foot across. Creamy white, spotted with pink and gold; a golden band down centre.
- LILium CANDIDUM**.—Beautiful, large, purest white flowers. One of the easiest to grow and bloom.
- “ **ELEGANS**.—Fine, bell-shaped flowers, in dense clusters, of a deep crimson-scarlet colors.
- “ **LONGIFLORUM** (Easter Lily).—A profuse and early bloomer. Pure white, sweet flowers.
- “ **PRÆCOX**.—Frosted white with tinge of blush. Large, perfect and beautiful.
- “ **SPECIOSUM ALBUM** (White Japan).—Large, wide flowers, recurved, pure white. Very showy, robust and hardy. Immense heads of large fragrant flowers.
- LILium SPECIOSUM ROSEUM**.—White, shaded and spotted with deep rose and carmine. Very sweet.
- “ **TRIGRINUM FL. PL.**—The doubled flowered sort of Tiger Lily. Very beautiful. Quite distinct.
- “ **UMBELLATUM**.—Produced in dense clusters or umbels. Colors—Yellow, pink and orange.
- “ **WALLACEI**.—Bright apricot color. Profuse bearer. A most perfect and desirable lily.
- All the above lilies, 10 cents each : 12 of your choice, for \$1.00; 100 lilies, in eight sorts, our choice, \$7

TIGRIDIAS.

PEACOCK OR SHELL FLOWER.—They are extremely beautiful and easy of culture, producing large exquisitely spotted flowers measuring from 4 to 6 inches across, and flowering from mid-summer until frost. Clumps of them in a border make a fine effect.

- GRANDIFLORA LILACEA**. New.—Violet, with purple and white spots. Each, 10c.; 3 for 25c.; doz. 90c.
- “ **ALBA**.—Pearly white, spotted crimson. Each, 8 cts.; 3 for 20 cts.; doz., 75 cts.
- “ **PAVONIA**.—Crimson, variegated yellow. Each, 5 cts.; 3 for 10 cts.; doz., 30 cts.
- CONCHIFLORA**.—Yellow, with dark and red spots. Each, 5 cts.; 3 for 10 cts.; doz., 30 cts.

SPECIAL OFFER: 3 each of above 4 sorts, postpaid, for 50 cts.

ANOMATHECA, SCARLET FREESIA.

Elegant bulb for pots; in bloom the whole summer; dense clusters

of brilliant crimson flowers. The three lower petals marked with a black spot. Plant several in a pot. 4 cts.; 6 for 20 cts.

MONTBRETIAS.

Their immense popularity is certainly well deserved. Scarcely any bulb will give as much bloom. They are hardy, easily grown and propagate amazingly. Plant by hundreds.

M. CROCOSMEFLORA.—Warm, apricot yellow, with rings and blotches of orange crimson in dense spikes.

M. ELEGANS.—Inside yellow; outside, vermilion. Highly praised.

M. ROSEA.—New color, pink, shading to peach. A good plant.



MONTBRETIAS.

3 Montbretias for 10 cents; 10 for 25 cent; 24 for 50 cents; 60 for \$1.00.



CALLA, LITTLE GEM.

THE SPOTTED CALLA. Flowers yellowish, leaves covered with transparent white spots; effective window plant and fine for garden. 10 cents.

CALLA, LITTLE GEM. Seldom grows over ten inches high, yet bears many sweet flowers of good size. An excellent plant. 15 cents.

THE OLD WHITE LARGE-FLOWERING CALLA. 10 cts.

APIOS TUBEROSA. Also called tuberous-rooted Winstaria, as it greatly resembles that well-known vine. It blooms most profusely, bearing lovely clusters of rich, deep purple flowers, possessing a delicious violet fragrance. Is perfectly hardy. 2 for 10 cents; 5 for 20 cents; dozen, 45 cents.

BESSERA ELEGANS. Bell-shaped flowers of a bright coral scarlet, with white cups; very graceful and splendid for bouquets. Each, 5 cents; 5 for 15 cents; dozen, 30 cents.



CALADIUM ESCULENTUM.

Zephyranthes, or Atamasco Lilies.

ATAMASCO ROSEA. This remarkable flower has beautiful blooms, which, when first opened, are a soft, rosy-pink, gradually growing whiter until they are a pure white, tinged or blushed with rose. When in a bed or mass, this variety, in colors, produces a most novel appearance by the different shadings of the flowers. This lovely bulb is known but very little, seldom seen, and consequently but little used for planting, but it should be grown by every one. 5 cents each; 3 for 10 cents; dozen, 30 cents.

ANDERSONI. Tulip-shaped, orange-yellow flowers. 5 cents each; 3 for 10 cents; 12 for 30 cents.

ATAMASCO. In all respects like *Rosea*, except in color, which is pure white. 5 cents each 6 for 15 cents.



BLACK CALLA.

BLACK CALLA. The immense popularity of this bulb has induced us to secure a large stock direct from Palestine, and offer them at low prices. The flowers are immense; often 15 inches long, and of a velvety purplish black. This is the Black Lily of Palestine, which was supposed to be a myth. 10 cents each; 3 for 25 cents.

THE YELLOW CALLA. As large as the Lily of the Nile. Pure sulphur yellow, with purple throat; extremely rare; nearly equal to the Golden Lily, held at \$20. Just the plant you want. 30 cents each.

ANEMONES (New Giant French). Preferred by many to the Dutch varieties, being of stronger habit, and producing a greater abundance and larger flowers of the most brilliant colors. The dazzling hue of the "Fulgens," and immense size and beautiful tint,



NEW YELLOW CALLA.

of the double-flowered, varieties cannot be excelled by any spring-blooming plant. 3 cts each, 6 for 15 cts.; doz., 25 cts.

FANCY-LEAVED CALADIUMS. Their greatest value is for the decoration of conservatories, greenhouses and window boxes, while nothing can surpass them as exhibition plants for fairs during the summer and fall. To say that there are over 400 combinations of colors is sufficient—all colors, except blue, being represented. Leaves often 18 inches in size! Plants or Bulbs, 15 cents; 2 for 25 cents.

CALADIUM ESCULENTUM (Reduced Prices.) \$5.00 per 100. Very large bulbs. A very effective plant, and suitable for either a single plant on the lawn, masses in beds or margins of water; its very distinct apron-like leaves often attain the length of 3 feet by 20 inches wide, and have a rich tropical effect. 8 cents; 75 cents per dozen.



FANCY CALADIUMS.



EXCELSIOR PEARL TUBEROSES.

TUBEROUS ROOTED BEGONIAS are justly popular on account of their exceeding beauty and brilliancy. Gorgeous and beautiful beyond description, **White, Pink, Yellow, Crimson and Blotched.** Flowers often 4 inches in diameter. Plants are covered with bloom. Simply dazzling summer and winter.

THE GLOXINIA is a grand flower and makes a lovely pot plant, as easily grown and cared for as many of the common flowers. The handsome bell-shaped flowers embrace a great variety of the richest and most beautiful colors, ranging from pure white to dark, blood-red, pink, blush, lavender, indigo-blue, marbled and spotted.

SPECIAL OFFER.--5 Begonias and 5 Gloxinias for 35 cents.

Excelsior Pearl Tuberoses.

These are the best of all Tuberoses to plant. They are dwarf and the immense spike stands erect, covered almost to the foliage with very large, double flowers—sometimes as many as 50 on a spike.

LARGE BULBS. sure to bloom, 5 cents each, 40 cents per dozen, \$2.00 per 100 by express, prepaid.

EXTRA LARGE BULBS, 6 cents each, 50 cents per dozen, \$3.00 per 100 by express, prepaid.

ORANGE-FLOWERED.—A very handsome variety, with elegant single flowers, and certain to bloom early in the season. The exquisite pure snowy white flowers rival orange blossoms in sweetness. 5 cents each, 7 for 25 cents.

NEW VARIEGATED TUBEROSE.—This scarce variety has been neglected because it has been so high in price; few have ever grown, and not many people have ever seen it. It is a plant of superior excellence and **I have put the price within the reach of all.** The leaves are bordered with a conspicuous white band, making it a beautiful border plant. Flowers single, large, white, delicious fragrance, but not nearly so heavy as the double sort. The spike is graceful and is much more beautiful when cut than the other kinds. Blooms easier and **three weeks** earlier than the doubles. The bulbs bloom year after year, while the others do not. **Price, Fine blooming Bulbs,** 5 cents each, 3 for 12 cents, 7 for 25 cents. By express, prepaid, 50 for \$1.50, 100 for \$2.00.



NEW VARIEGATED TUBEROSE

HOW TO PLANT.

Set out about the time you do Coleus, in rich, warm soil. Firm the soil around the bottom of the bulb with your hand, and have the top of the bulb just covered with dirt. When the flowers begin to open, if you take the plant up and put it in a pot or box, and place it on the piazza or out of the sun and storms, all the flowers will open very white and full.



BEGONIA BULBS.
5 cents, 4 for 15 cents.



GLOXINIA BULB
5 cents, 4 for 15

CANNAS.



FOUR GEMS. 50c.

Fancy, White, Yellow and Crimson,
mailed for 50 cents.

QUEEN CHARLOTTE. (See Cut.) Height, 3 to 4 feet. Color bright orange-scarlet, broadly margined with pure golden yellow. Broad, clear, green foliage; large, well-shaped truss, borne well above the foliage. The individual floret is large size with broad petals, fully equal to Mme. Crozy in freedom of bloom. This is one of the most striking bedding cannas that we have, and should be in every collection. It is very effective over wide stretches of lawn. Price, 15 cts. each, 4 for 50 cts.

THE WHITE CANNA.—"Alsace" A vigorous grower, producing ten to fifteen shoots from a single eye; early and continuous bloomer. Dense spikes of flowers, which, upon opening, are a light sulphur yellow, changing very soon to a creamy white. The only canna of this unique color. Price, each, 15 cts, per dozen, \$1.50.

ELDORADO.—Foliage green; flowers large, yellow, finely speckled with lightest red; they never fade, but drop off the flower stalk as they

pass perfection, leaving it bright and clean, so that the bed is always a mass of the brightest golden yellow. Each 20 cts.; doz. \$2.00.

FLAMINGO.—3½ feet. Solid glowing crimson, green foliage, large open flowers, well-reflexed petals of good thick substance; a very compact and even grower, splendid for dwarf beds. One of the best for winter blooming in the house. 15 cts. each; \$1.50 per dozen.

The above 4 finest Cannas, 50 cts.

SELECT LIST OF THE LEADING CANNAS AT CHEAP PRICES.

EGANDALE (medal awarded). 4 feet. Purple foliage; strong, compact flower spikes; color currant-red. The finest bedding canna of its color, because of its harmony of leaf and flower, and because of its brilliancy it can be seen the farthest, either in the sunlight or at dusk. 15 cts. each; 2 for 25 cts; \$1.25 per dozen.

FLORENCE VAUGHAN (medal). Still remains the highest type of new French canna, the petals being remarkably wide, rounded on the ends, of good substance and flower very large. It is the only approach to a yellow in this class yet attained, and though thickly dotted with brightest red, its general effect in the flower beds is a rich orange-yellow. The foliage is green, splendid broad leaves, height 4 feet. No canna bed is complete without this perfect type. 15 cts.; 3 for 40 cts.; 12 for \$1.50.

MADAME CROZY. Height, 3 to 3½ feet on ordinary soil, to 6 feet on very rich soil. Flowers flaming scarlet, bordered with gold. An ideal bedding variety. No variety yet introduced has given such universal satisfaction. Compact grower, literally covered with large showy heads of bloom. One of the most effective bedding sorts and, up to the present time, has not been surpassed by any variety. Price, 10 cts. each; 3 for 25 cts.

CRIMSON CANNAS.—Chas. Henderson. Height, 2½ to 3 feet. Color brilliant deep crimson. Broad p-green foliage, narrowly margined with bronze. Vigorous healthy grower, stooping very rapidly. Very large, round and effective truss with large individual floret. Upper petals exceptionally broad. An exceptionally free bloomer, but a little inclined to be late, and should be started early, so as to have strong plants set in the field. One of the very best colors that we have, the brilliant crimson flowers contrasting fully with the clear green foliage. Price, 10 cts. each; 3 for 25 cts.

12 named cannas, 12 varieties, each kind labeled, mailed for \$1.25.

ERB MIXED CANNAS. I offer a splendid assortment of named cannas in this mixture. Many of the kinds you get in six or a dozen of this mixture will be equal to twenty-five cent named kinds. Price, 5 for 25 cts.; per dozen 50 cts. by mail.

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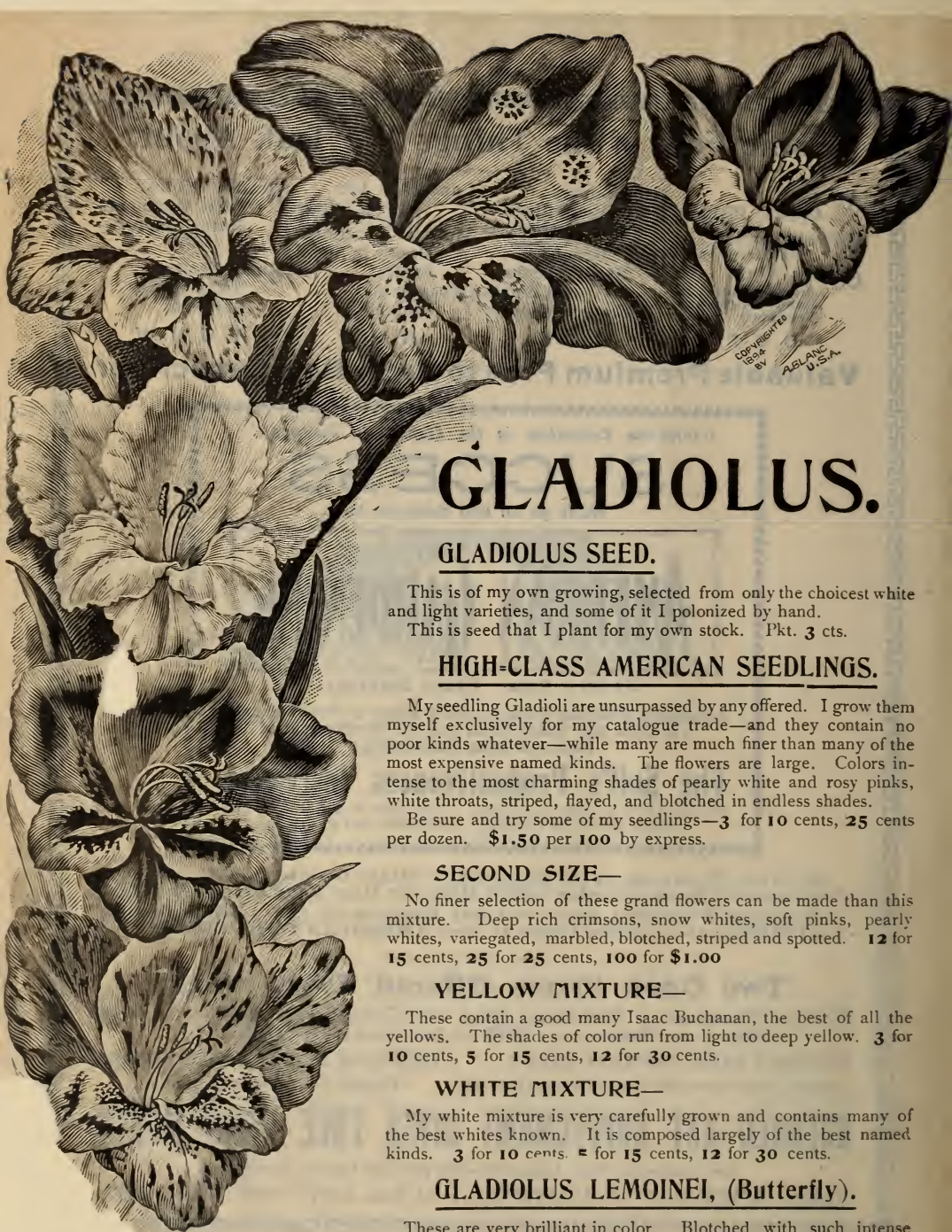
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GLADIOLUS.

GLADIOLUS SEED.

This is of my own growing, selected from only the choicest white and light varieties, and some of it I polonized by hand.

This is seed that I plant for my own stock. Pkt. 3 cts.

HIGH-CLASS AMERICAN SEEDLINGS.

My seedling Gladioli are unsurpassed by any offered. I grow them myself exclusively for my catalogue trade—and they contain no poor kinds whatever—while many are much finer than many of the most expensive named kinds. The flowers are large. Colors intense to the most charming shades of pearly white and rosy pinks, white throats, striped, flayed, and blotched in endless shades.

Be sure and try some of my seedlings—3 for 10 cents, 25 cents per dozen. \$1.50 per 100 by express.

SECOND SIZE—

No finer selection of these grand flowers can be made than this mixture. Deep rich crimson, snow whites, soft pinks, pearly whites, variegated, marbled, blotched, striped and spotted. 12 for 15 cents, 25 for 25 cents, 100 for \$1.00

YELLOW MIXTURE—

These contain a good many Isaac Buchanan, the best of all the yellows. The shades of color run from light to deep yellow. 3 for 10 cents, 5 for 15 cents, 12 for 30 cents.

WHITE MIXTURE—

My white mixture is very carefully grown and contains many of the best whites known. It is composed largely of the best named kinds. 3 for 10 cents. 5 for 15 cents, 12 for 30 cents.

GLADIOLUS LEMOINEI, (Butterfly).

These are very brilliant in color. Blotched with such intense colors they look like orchids. More than twenty kinds and colors. 3 for 10 cents, 5 for 15 cents, 10 for 25 cents, 25 for 50 cents.